Form 3160-3 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

5. Lease Serial No. UTU0337

APPLICATION FOR PERMIT	TO DRILL	OR REENTER
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APPLICATION FOR PERMIT	6. If Indian, Allottee or Tribe N	Jame		
1a. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, No CHAPITA WELLS UNI	ame and No.	
1b. Type of Well: Oil Well Gas Well Oth	ner 🗖 Single Zone 🗷 Multiple Zone	Lease Name and Well No. CHAPITA WELLS UNIT 1	146-18	
	KAYLENE R GARDNER _gardner@eogresources.com	9. API Well No. 43-047-	-40323	
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	10. Field and Pool, or Explorat NATURAL BUTTES	ory	
4. Location of Well (Report location clearly and in accorda	nnce with any State requirements.*)	11. Sec., T., R., M., or Blk. and	Survey or Area	
At surface NWNE 549FNL 1960FEL 4	10.04177 N Lat, 109.36724 W Lon	Sec 18 T9S R23E Mer	SLB	
At proposed prod. zone NWNE 549FNL 1960FEL 4	10.04177 N Lat, 109.36724 W Lon			
14. Distance in miles and direction from nearest town or post 52.8 MILES SOUTH OF VERNAL, UT	office*	12. County or Parish UINTAH	13. State UT	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 549	16. No. of Acres in Lease 2344.00	17. Spacing Unit dedicated to the	his well	
 Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1110 	19. Proposed Depth 9400 MD	20. BLM/BIA Bond No. on file NM 2308		
21. Elevations (Show whether DF, KB, RT, GL, etc. 4902 GL.			23. Estimated duration 45-DAYS	
	24. Attachments			
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Order No. 1, shall be attached to t	his form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off 	Item 20 above). 5. Operator certification	ns unless covered by an existing b	•	
25 Signature (Electronic Subinission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9		Date 08/13/2008	
Title LEAD REGULATORY ASSISTANT	, amé			

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

BRADLEY G HILL

ENVIRONMENTAL MANAGER

Name (Printed/Typed)

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #62306 verified by the BLM Well Information SystemECEIVED For EOG RESOURCES, INC., sent to the Vernal

AUG 18 2008

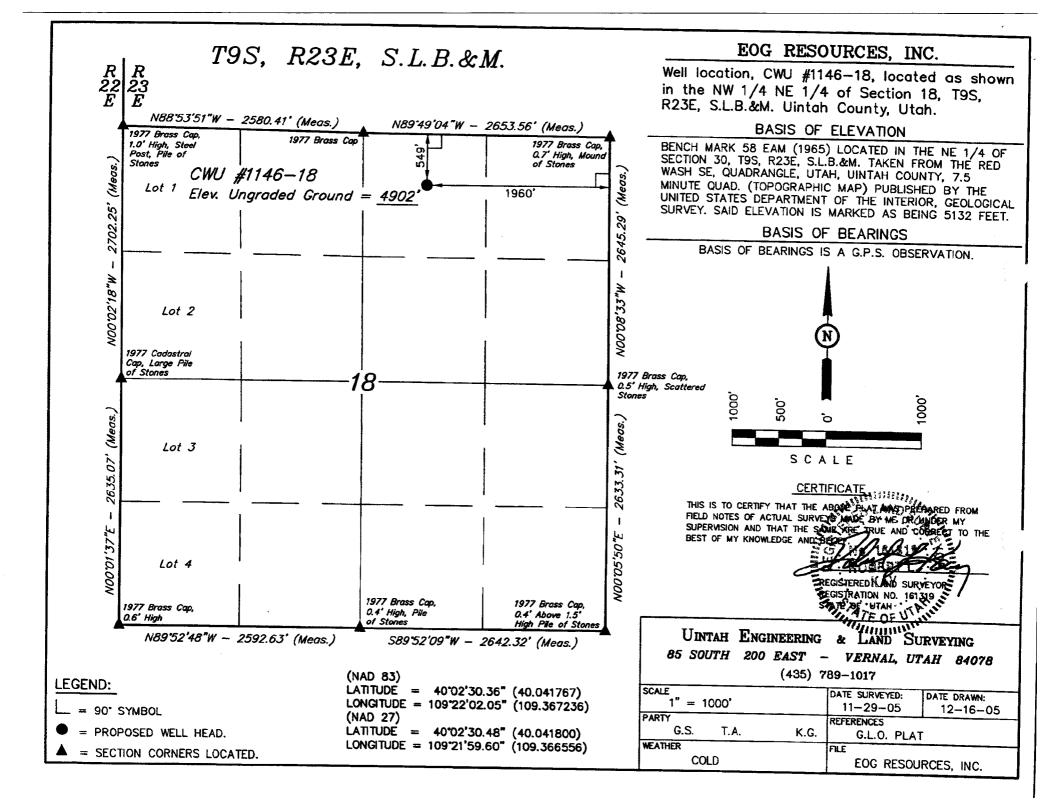
Date

639356X 44334704 Federal Approval of this Action is Necessary

DIV. OF OIL, GAS & MINING

40, 041844 ** Operator-submitted ** Operator-submitted **

-109.364512



CHAPITA WELLS UNIT 1146-18 NW/NE, SEC. 18, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,797		Shale	
Mahogany Oil Shale Bed	2,461		Shale	
Wasatch	4,791		Sandstone	
Chapita Wells	5,383		Sandstone	
Buck Canyon	6,037		Sandstone	
North Horn	6,682		Sandstone	
KMV Price River	7,077	Primary	Sandstone	Gas
KMV Price River Middle	7,911	Primary	Sandstone	Gas
KMV Price River Lower	8,708	Primary	Sandstone	Gas
Sego	9,200		Sandstone	
TD	9,400			

Estimated TD: 9,400' or 200'± below TD

Anticipated BHP: 5,133 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole - 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	<u>Hole</u> Size	Length	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 ½"	0 – 60'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1⁄4"	0' - 2,300' KB±	9-5%"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#
	•								

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-1/4" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

CHAPITA WELLS UNIT 1146-18 NW/NE, SEC. 18, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

CHAPITA WELLS UNIT 1146-18 NW/NE, SEC. 18, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 - Section E: Special Drilling Operations

- o EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- o EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement

Bond / Casing Collar Locator and Pulsed Neutron

CHAPITA WELLS UNIT 1146-18 NW/NE, SEC. 18, T9S, R23E, S.L.B.&M... **UINTAH COUNTY, UTAH**

9. CEMENT PROGRAM:

Lead:

Surface Hole Procedure (Surface - 2300'±):

185 sks

Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx GR3 1/4 #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk, yield, 23 gps water.

Tail: Class "G" cement with 2% CaCl₂, 1/4#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps 207 sks

water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, 1/4#/sk Flocele mixed at 15.6 ppg,

1.18 ft³/sk., 5.2 qps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 138 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes)

mixed at 11.0 ppg. 3.91 ft³/sk.. 24.5 gps water.

Tail: 899 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1

ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

> Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

CHAPITA WELLS UNIT 1146-18 NW/NE, SEC. 18, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

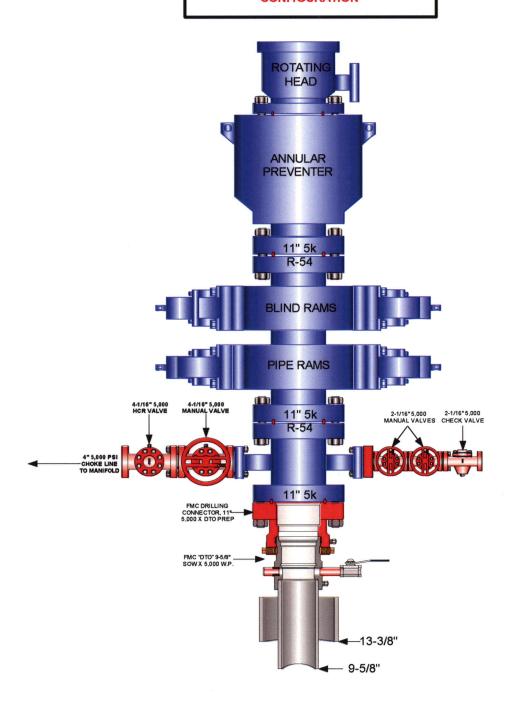
12. <u>HAZARDOUS CHEMICALS:</u>

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Air Drilling Operations:

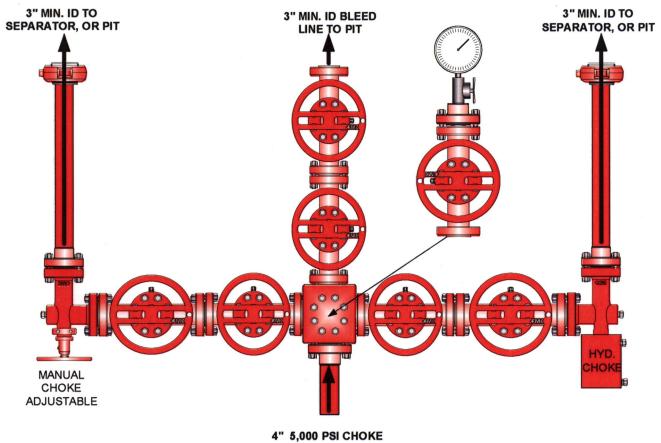
- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F 2



4" 5,000 PSI CHOKE LINE FROM HCR VALVE

Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



Chapita Wells Unit 1146-18 NWNE, Section 18, T9S, R23E Uintah County, Utah

SURFACE USE PLAN

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 130 feet long with a 40-foot right-of-way, disturbing approximately 0.12 acre. New surface disturbance associated with the well pad and access road is estimated to be 1.96 acres. The pipeline is approximately 179 feet long with a 40-foot temporary right-of-way and a 20-foot permanent right-of-way disturbing approximately 0.08 acre.

1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 52.8 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 130' in length. Culvert's shall be installed as needed. See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

- I. A 40-foot permanent right-of-way is requested. No surfacing material will be used.
- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

No off lease right of way is required. The entire length of the proposed access road is located within the Chapita Wells Unit.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

- Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, one (1) 300-bbl tank and/or two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. The length of the proposed pipeline is 179' x 40' temporary, 179 x 20' permanent. The proposed pipeline leaves the eastern edge of the well pad (Lease UTU0337) proceeding in a easterly direction for an approximate distance of 179' tieing into an existing pipeline in the NWNE of Section 18, T9S, R23E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. A 20-foot permanent pipeline right-of-way is requested. A 40-foot temporary pipeline right-of-way for construction purposes is requested, the temporary right-of-way will be utilized for a 10-day period.
- 7. The proposed pipeline route begins in the NWNE of Section 18, T9S, R 23E, proceeding easterly for an approximate distance of 179' to the NWNE of Section 18, T9S, R23E.
- 8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation ponds 1, 2, 3, 4, 5 or 6, Coyote Evaporation Ponds, White River Evaporation Ponds, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with **felt, and a 16-millimeter plastic liner**. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

8. Ancillary Facilities:

None anticipated.

9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the southeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the south side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the west.

After interim reclamation a ditch or berm will be constructed on the southside of the location.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RECLAMATION OF THE SURFACE:

A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
HyCrest Wheatgrass	5.0
Shadscale	4.0
Prostrate kochia	3.0

^{*}Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Wyoming Big Sage	1.0
Shadscale	4.0
Needle and Threadgrass	4.0
HyCrest Wheatgrass	2.0
Scarlet Globe Mallow	1.0

^{*}Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
 - Whether the materials appear eligible for the National Register of Historic Places:
 - The mitigation measures the operator will likely have to undertake before the site can be used.
 - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and will be submitted by Montgomery Archaeological Consultants. A paleontological survey was conducted and will be submitted by Intermountain Paleo.

Additional Surface Stipulations:

None

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Kaylene R. Gardner EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1146-18 Well, located in the NWNE, of Section 18, T9S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

August 4, 2008

Date

Kaylene R. Gardner, Lead Regulatory Assistant

EOG RESOURCES, INC.

CWU #1146-18

LOCATED IN UINTAH COUNTY, UTAH SECTION 18, T9S, R23E, S.L.B.&M.

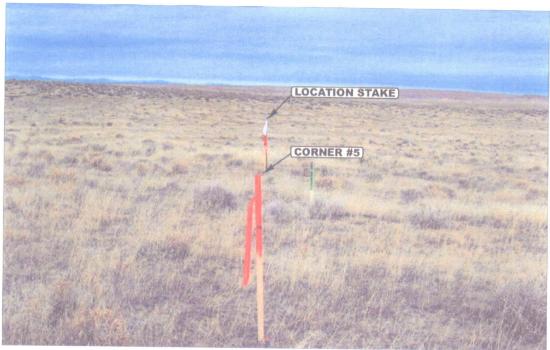


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 Vernal, Utah 84078 uels@uelsinc.com

LOCATION PHOTOS

MONTH DAY

РНОТО

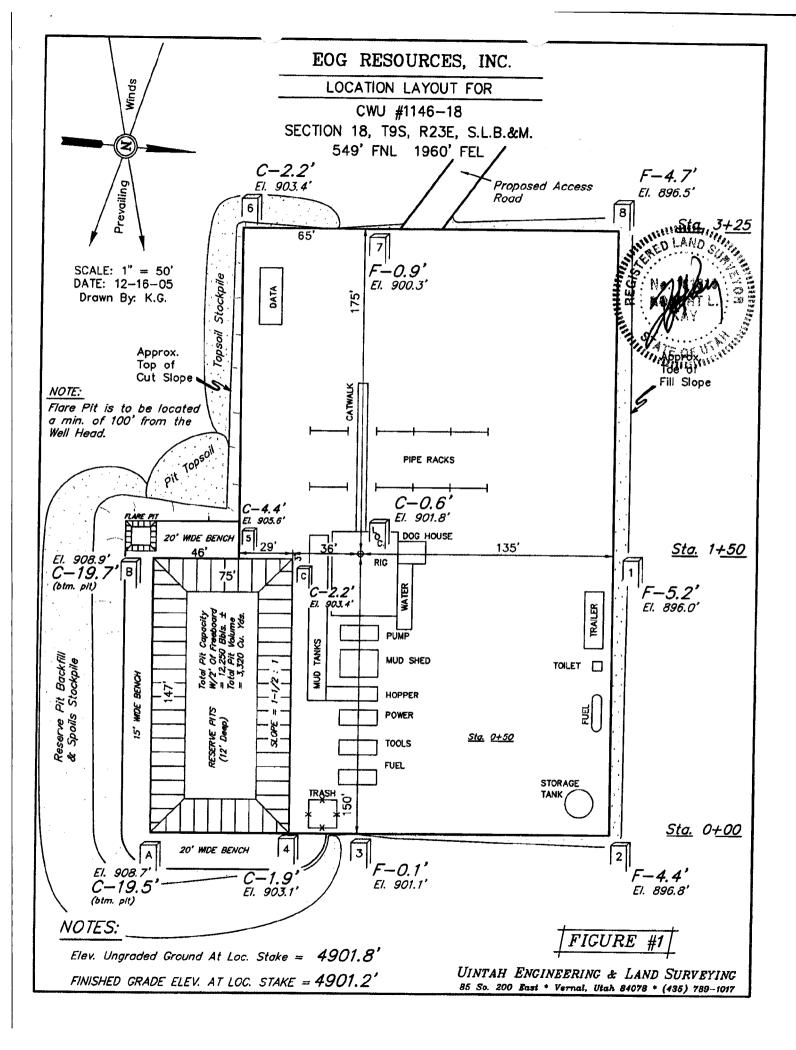
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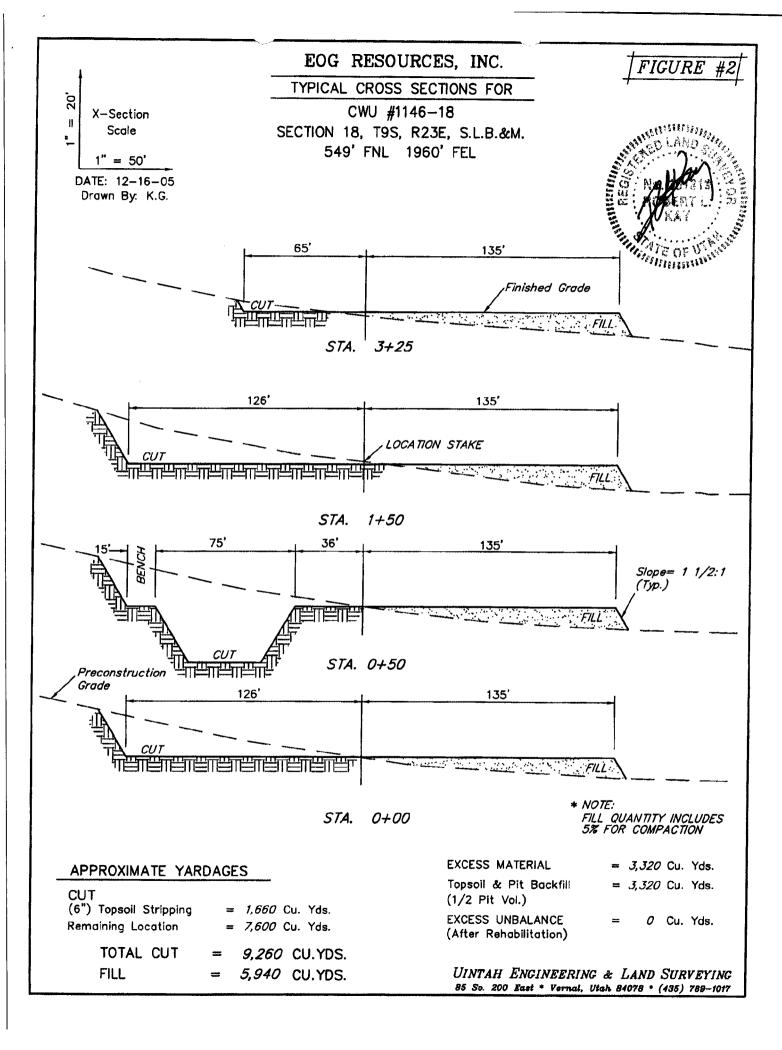
DRAWN BY: L.K. REVISED: 00-00-00

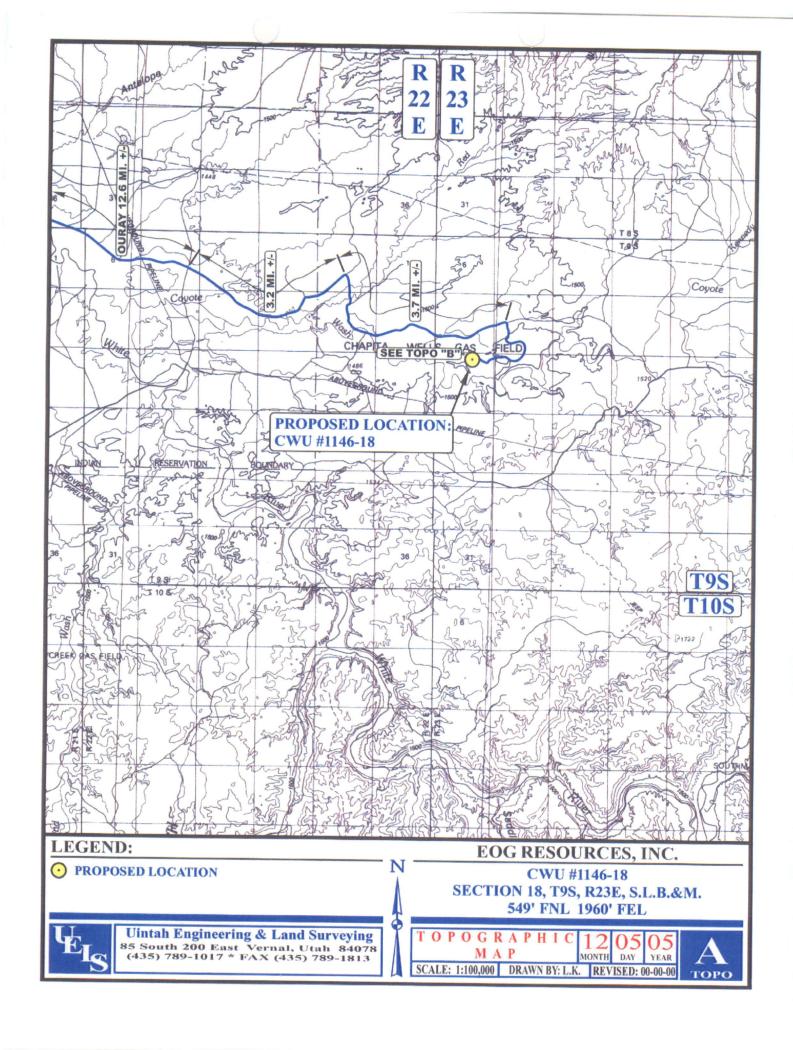
EOG RESOURCES, INC. CWU #1146-18 SECTION 18, T9S, R23E, S.L.B.&M.

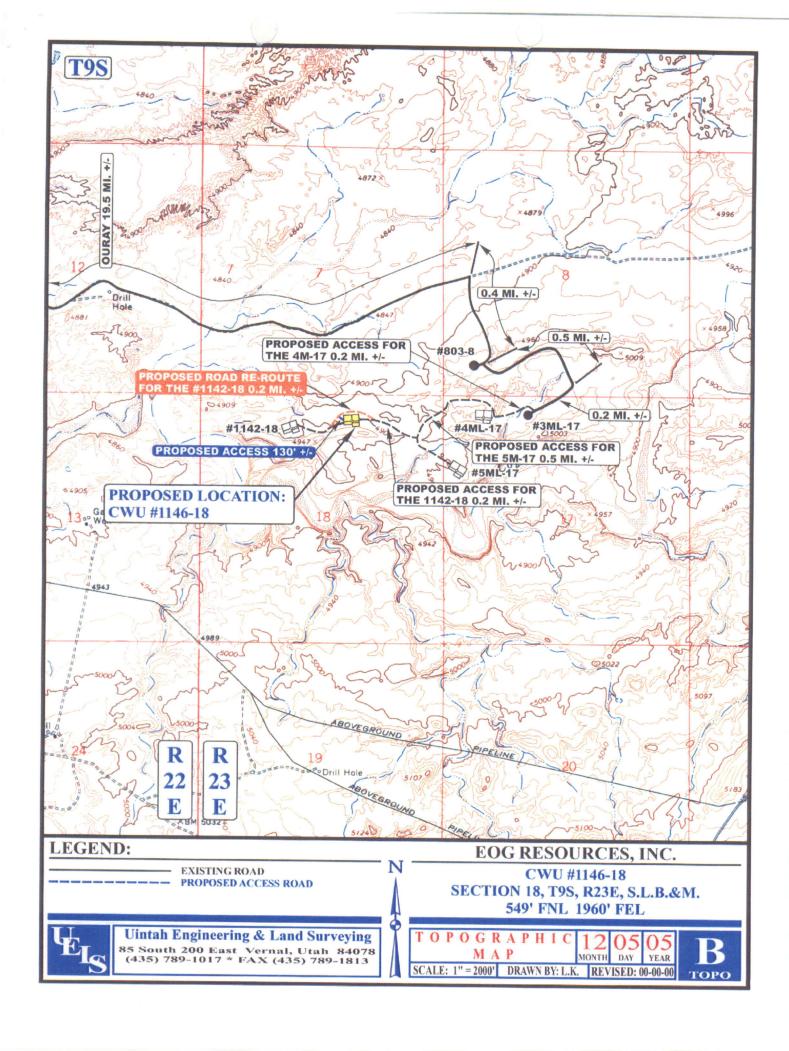
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; PROCEED IN A SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 3.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY. THEN EASTERLY, THEN NORTHEASTERLY APPROXIMATELY 3.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY. **THEN** NORTHEASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #4M-17 TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #5M-17 TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #1142-18 TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY APPROXIMAELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ROAD RE-ROUTE TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 130' TO THE PROPOSED LOCATION.

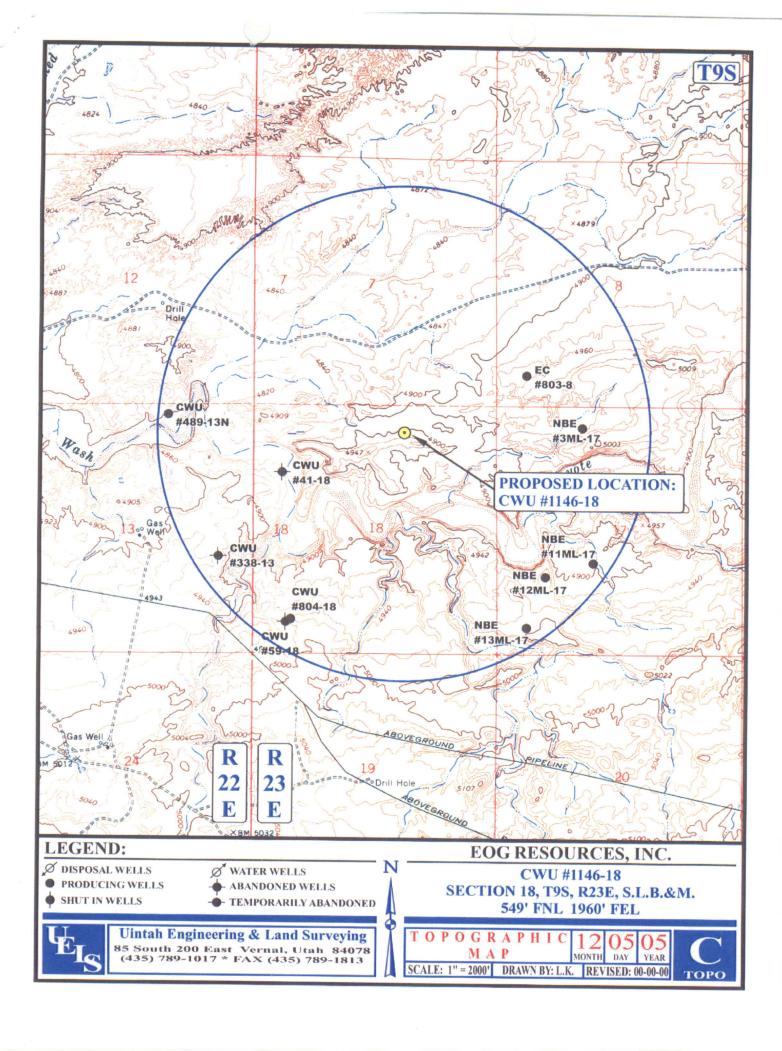
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.8 MILES.

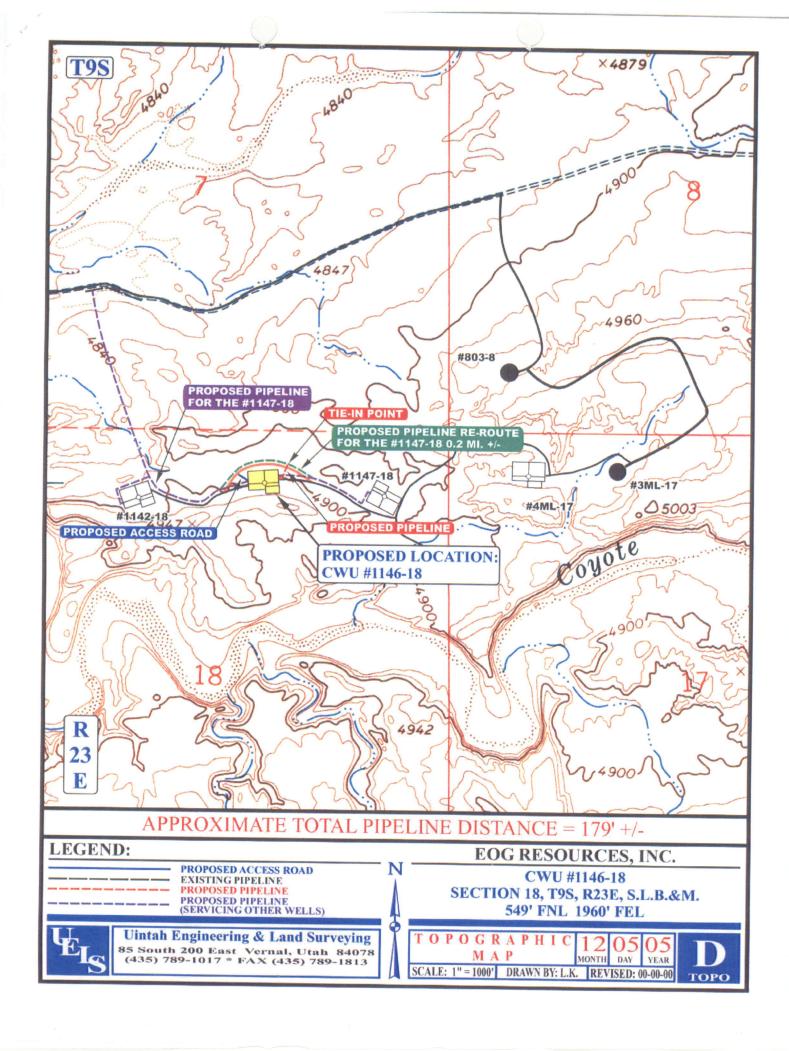






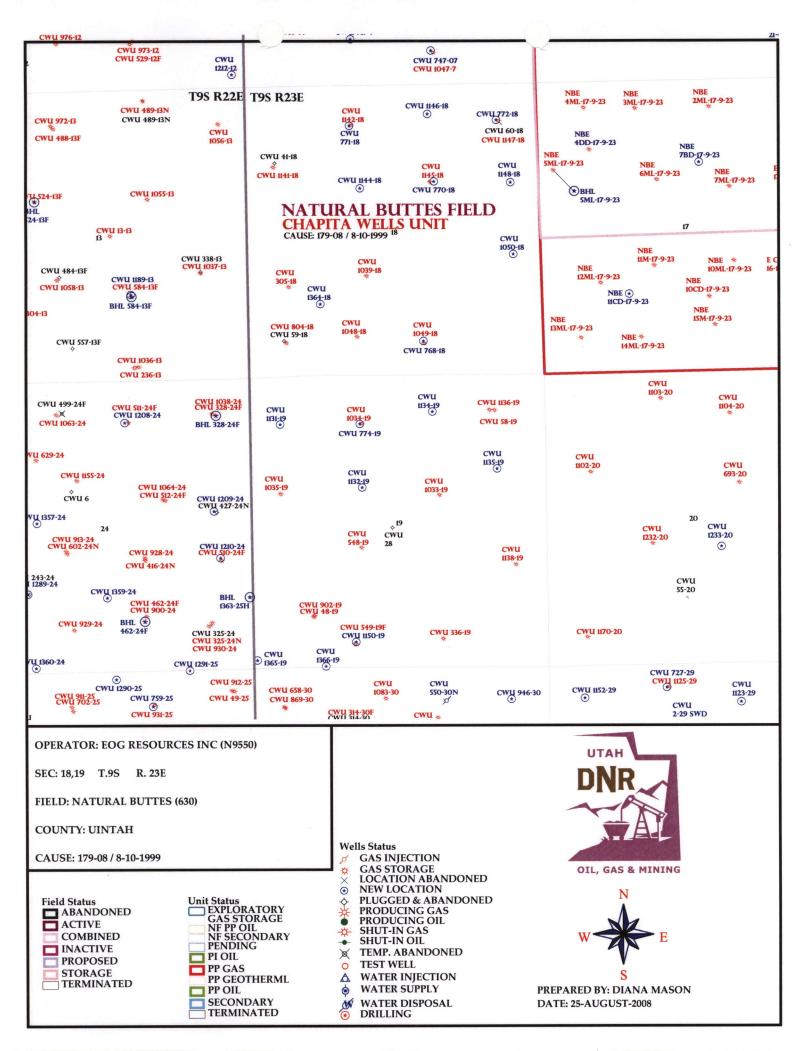






WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/18/2008	API NO. ASSIGNED: 43-047-40323
WELL NAME: CWU 1146-18 OPERATOR: EOG RESOURCES, INC. (N9550) CONTACT: KAYLENE GARDNER	PHONE NUMBER: 435-781-9111
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NWNE 18 090S 230E SURFACE: 0549 FNL 1960 FEL	Tech Review Initials Date
BOTTOM: 0549 FNL 1960 FEL	Engineering
COUNTY: UINTAH	Geology
LATITUDE: 40.04184 LONGITUDE: -109.3665 UTM SURF EASTINGS: 639356 NORTHINGS: 4433	Surface
FIELD NAME: NATURAL BUTTES (630 LEASE TYPE: 1 - Federal LEASE NUMBER: UTU0337 SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: PRRV COALBED METHANE WELL? NO
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. NM2308 Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 49-225 N. RDCC Review (Y/N) (Date: Plat Pee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: CHAPITA WELLS R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: //9-8 Eff Date: 8-10-1944 Siting: Suspends Inc. 10 Siting R649-3-11. Directional Drill
STIPULATIONS:	approx



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 4, 2008

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2008 Plan of Development Chapita Wells Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Chapita Wells Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch)

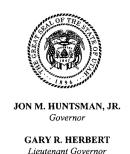
```
43-047-40335 CWU 765-20 Sec 20 T09S R23E 0478 FNL 2082 FWL 43-047-40336 CWU 798-30 Sec 30 T09S R23E 1012 FNL 1457 FWL 43-047-40327 CWU 777-29 Sec 29 T09S R23E 0646 FSL 1953 FWL 43-047-40326 CWU 726-28 Sec 28 T09S R23E 1796 FSL 1838 FEL 43-047-40319 CWU 772-18 Sec 18 T09S R23E 0669 FNL 0718 FEL 43-047-40320 CWU 771-18 Sec 18 T09S R23E 0752 FNL 1890 FWL 43-047-40321 CWU 768-18 Sec 18 T09S R23E 0620 FSL 2132 FEL 43-047-40325 CWU 770-18 Sec 18 T09S R23E 1776 FNL 1869 FEL 43-047-40334 CWU 773-13 Sec 19 T09S R23E 0718 FNL 0447 FEL 43-047-40318 CWU 639-10 Sec 10 T09S R22E 0848 FNL 1595 FWL
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(Proposed PZ Mesaverde)

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43-047-40328 CWU 1380-33 Sec 33 T09S R23E 0461 FSL 0232 FWL 43-047-40323 CWU 1146-18 Sec 18 T09S R23E 0549 FNL 1960 FEL 43-047-40324 CWU 1144-18 Sec 18 T09S R23E 1887 FNL 2066 FWL 43-047-50091 CWU 1324-32 Sec 32 T09S R23E 1710 FNL 1506 FWL
```

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard



State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 8, 2008

EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078

Re:

Chapita Wells Unit 1146-18 Well, 549' FNL, 1960' FEL, NW NE, Sec. 18, T. 9 South,

R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40323.

Sincerely,

XIITHI

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal Office



Operator:	EOG Resources, Inc.					
Well Name & Number	Chapita Wells Unit 1146-18					
API Number:	43-047-40323 UTU0337					
Location: <u>NW NE</u>	Sec. 18	T. 9 South	R. 23 East			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (August 2007)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 1 4 2008

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU0337

6. If Indian, Allottee or Tribe Name

la. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, Name and No. UTU63013BE
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Otl	ner Single Zone Multiple Zone	8. Lease Name and Well No. CWU 1146-18
	KAYLENE R GARDNER NE_GARDNER@EOGRESOURCES.COM	9. API Well No. 13-047-40323
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	10. Field and Pool, or Exploratory NATURAL BUTTES
4. Location of Well (Report location clearly and in according	I ance with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area
At surface NWNE 549FNL 1960FEL 4 At proposed prod. zone NWNE 549FNL 1960FEL 4	10.04177 N Lat, 109.36724 W Lon	Sec 18 T9S R23E Mer SLB SME: BLM
14. Distance in miles and direction from nearest town or post		12. County or Parish 13. State
52.8 MILES SOUTH OF VERNAL, UT		UINTAH UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 549	16. No. of Acres in Lease	17. Spacing Unit dedicated to this well
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on file
completed, applied for, on this lease, ft. 1110	9400 MD	NM2308
21. Elevations (Show whether DF, KB, RT, GL, etc. 4902 GL	22. Approximate date work will start	23. Estimated duration 45-DAYS
	24. Attachments	<u> </u>
The following, completed in accordance with the requirements	of Onshore Oil and Gas Order No. 1, shall be attached to	this form:
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Sys SUPO shall be filed with the appropriate Forest Service Of 	tem Lands, the Item 20 above). 5. Operator certification	ons unless covered by an existing bond on file (see formation and/or plans as may be required by the
25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9	Date 08/15/2008
LEAD REGULATORY ASSISTANT		
Approved by (Signature)	Name (Printed/Typed) JELEY KENCYS	FEB 2 ^{ate} 7 2009
Title / Assistality Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	
Application approval does not warrant or certify the applicant hoperations thereon. Conditions of approval, if any, are attached.	olds legal or equitable title to those rights in the subject	lease which would entitle the applicant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, States any false, fictitious or fraudulent statements or representations.	make it a crime for any person knowingly and willfully tions as to any matter within its jurisdiction.	to make to any department or agency of the United

Additional Operator Remarks (see next page)

Electronic Submission #62361 verified by the BLM Well Information System For EOG RESOURCES INC, sent to the Vernal Committed to AFMSS for processing by GAIL JENKINS on 08/18/2008 (08GXJ5804AE)

DIV. OF OIL, GAS & MINING

MAR 18 2009

CONDITIONS OF APPROVAL ATTACHED

COMPINION OF WELLOAME WITHAM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

086-XJ4604AE N

NOS: 06-10-2008



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

API No:

EOG Resources Inc.

CWU 1146-18 43-047-40323 Location: Lease No: NWNE, Sec.18, T9S,R23E

o: UTU-0337

Agreement:

Chapita Wells Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	` ,
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	

Fax: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)		Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 7 Well: CWU 1146-18 1/15/2009

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC CONDITIONS OF APPROVAL

- Prevent fill and stock piles from entering drainages.
- The access road shall be crowned and ditched. Flat-bladed roads are not allowed.
- The authorized officer may prohibit surface disturbing activities during severe winter, wet, or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches, or gravel (from a private or commercial source) etc. shall be needed to control the erosion. Low-water crossings and culverts shall be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Bury pipelines at all low water crossings.
- Surface pipelines will be placed 5-10 feet outside of the borrow area.
- Surface pipelines will be placed in such a way that they would not wander into the borrow area.
- Pipelines will be buried at all major road and drainage crossings
- The pit liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- Permission to clear all wildlife stipulations would only be approved by the BLM authorized officer during the specific timing for the species potentially affected by this action.
- No construction, drilling or fracing operations will occur within 0.5 miles of golden eagle nest
 February 1 August 15.
- No construction, drilling or fracing operations will occur within crucial year long pronghorn habitat May 15- June 20.
- The site will be ditched/bermed between the interim reclamation area and the pad.

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.
- o COA specification is consistent with operators performance standard stated in APD.
- A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet.
 - All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2
 III. E.
- Drilling Operations, Special Drilling Operations, air/gas drilling.
- A Gamma Ray well Log shall be run from the well Total Depth to the surface.
 A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

Onshore Order no. #2 Drilling Operations III. E. 1.

- All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2
 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
 - variance(s) to Onshore Order #2 Drilling Operations III. E.
 - requirement for deduster equipment
 - requirement waived for deduster equipment
 - Deduster equipment capabilities described by operator as function performed by continuous sprayer water mist
 - automatic igniter or continuous pilot light on the blooie line
 - equirement waived for ignitor and pilot light
 - operators blooie line output fluid stream is an incombustible aerated water system blooie line fire prevention and suppression function operation achieved thru continuous aerated water fluid stream flow
 - Compressors located in opposite direction from the blooie line a minimum of 100 feet
 - Compressors are truck mounted. Operators standard practice is to rig up with truck mounted compressors oriented ninety degrees to blooie line. Compressors are truck mounted with spark arresters.
- Conductor casing shall be set into competent formation at a depth of 60 ft, plus or minus 10 ft.
- COA specification is consistent with operators performance standard (operators shallow surface operations covered in part 13 Air Drilling Operations) stated in APD.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.

Page 4 of 7 Well: CWU 1146-18 1/15/2009

- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil &
 Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- · Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

Page 5 of 7 Well: CWU 1146-18 1/15/2009

 There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 6 of 7 Well: CWU 1146-18 1/15/2009

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written
 communication and must be received in this office by not later than the fifth business day
 following the date on which the well is placed on production. The notification shall provide, as a
 minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 7 of 7 Well: CWU 1146-18 1/15/2009

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
 standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
 measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
 to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
 first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
 adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
 sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0337
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepen o ugged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1146-18
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047403230000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N	l , Denver, CO, 80202 435	PHONE NUMBER: 5 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0549 FNL 1960 FEL OTR/OTR, SECTION, TOWNSHI	ID PANGE MEDIDIAN:		COUNTY: UINTAH
, , , , ,	Township: 09.0S Range: 23.0E Meridian: S	5	STATE: UTAH
11.	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start: 10/8/2009	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
10/0/2009	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	│	FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ ☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION	RECLAMATION OF WELL SITE SIDETRACK TO REPAIR WELL	☐ RECOMPLETE DIFFERENT FORMATION ☐ TEMPORARY ABANDON
Date of Spud:	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
			'
EOG Resources, Inc. referenced well as fol Float equipment,	requests authorization to chan lows: Item 4: Casing program, production hole procedure; and arm. Please see the attached for the procedure.	ge the drilling plan on the , conductor string; Item 5 nd Item 8: Evaluation	A constant los Ales
		D	ate: \ July 20, 2009
			y: John Clunt
NAME (PLEASE PRINT) Mary Maestas	PHONE NUMBER 303 824-5526	TITLE Regulatory Assistant	
SIGNATURE N/A		DATE 7/16/2009	

4. CASING PROGRAM:

CASING	Hole Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	20"	40 – 60'	14"	32.5#	A252			1880 Psi	10,000#

5. FLOAT EQUIPMENT:

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

8. EVALUATION PROGRAM:

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the

following: CBL/CCL/VDL/GR

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURD DIVISION OF OIL, GAS, AND MI		FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER:
	DIVISION OF OIL, GAS, AND PI		UTU0337
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.	n existing wells below current Use APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1146-18
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047403230000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	al, UT, 84078 435 781-9	PHONE NUMBER: 0111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0549 FNL 1960 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNE Section: 18	IP, RANGE, MERIDIAN: Township: 09.0S Range: 23.0E Meridian	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPOR	Γ, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
9/8/2009	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
☐ SUBSEQUENT REPORT	☐ DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date.	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	respectfully requests the API extended for one year	D for the referenced well b	
NAME (PLEASE PRINT) Mickenzie Thacker	PHONE NUMBE 435 781-9145	R TITLE Operations Clerk	
SIGNATURE N/A		DATE 9/8/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047403230000

API: 43047403230000 **Well Name:** CWU 1146-18

Location: 0549 FNL 1960 FEL QTR NWNE SEC 18 TWNP 090S RNG 230E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 9/8/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

ine revision. Following is a checklist of some items related to the application, which should be verified.
 If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? • Yes • No Utah Division of Oil, Gas and Mining

Signature: Mickenzie Thacker **Date:** 9/8/2009

Title: Operations Clerk **Representing:** EOG RESOURCES, INC.

R. Deall

September 09, 2009

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Co	mpany:	E	OG RES	<u>OURCI</u>	ES INC		. ,	_
Well Name	2.	<u>C</u>	WU 1140	6-18				
Api No:	43-047-	40323			Lease Ty	pe: <u> </u>	EDERAL	
Section 18	Townshi	p <u>09S</u>	_Range_	23E	County	UINT	AH	
Drilling Con	ntractor <u>C</u>	CRAIG'S	ROUST <i>A</i>	BOUT	SERV	_RIG #	BUCKET	
SPUDDE	D:							
	Date	10/29/	2009					
	Time	8:00	AM	<u> </u>				
	How	DRY	······································					
Drilling wi	ill Commo	ence:						,
Reported by		· · · · · · · · · · · · · · · · · · ·	KENT I	DAVEN	PORT			_
Telephone #_			(435) 8:	<u> 28-8200</u>)			
Date	10/29/200	9Si	gned	CHD				

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY	ACTION	FORM

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

1060 East Highway 40

<u>city</u> Vernal

state UT _{zip} 84078 Phone Number: <u>(435)</u> 781-9145

Well 1

API Number	Weii	Name			Twp Rng County		
43-047-40323	CHAPITA WELLS U	NIT 1146-18			23E UINTAH		
Action Code	Current Entity Number	New Entity Number			Entity Assignment		
AB	99999	13650	10/29/2009		11/	10/09	

PACV

Well 2

API Number	Well	ame QQ Sec T			Rng	County		
43-047-39431	CHAPITA WELLS UN	CHAPITA WELLS UNIT 981-11			NWSE 11 9S 22E UINTA	9S 22E UIN		
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date			
# B	99999	13650	10/30/2009			///	10/09	
omments: MES	AVERDE							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignmen Effective Date		
omments:							

ACTION CODES:

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

NOV 0 3 2009

Mickenzie Gates

Name (Please Print)

Signature

Title

Operations Clerk

10/30/2009

Date

(5/2000)

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0337
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1146-18
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047403230000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	ıl, UT, 84078 435 781-91:	PHONE NUMBER: 11 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0549 FNL 1960 FEL QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNE Section: 18	P, RANGE, MERIDIAN: Township: 09.0S Range: 23.0E Meridian: S	5	COUNTY: UINTAH STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
12/1/2009	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
Please see the att	mpleted operations. Clearly show all pert tached well chronology report showing all activity up to 12/1/	for the referenced well /2009.	Accepted by the Utah Division of II, Gas and Mining R RECORD ONLY December 01, 2009
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk	
SIGNATURE	133 701 7173	DATE	
l N/A		12/1/2009	l l

WELL CHRONOLOGY REPORT

Report Generated On: 11-30-2009

Well Name	CWU 1146-18	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-40323	Well Class	DRIL
County, State	UINTAH, UT	Spud Date		Class Date	
Tax Credit	N	TVD / MD	9,400/9,400	Property #	057847
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/0
KB / GL Elev	4,914/4,900				
Location	Section 18, T9S, R23E, NWN	E, 549 FNL & 1960 F	EL		

DRILL & COMPLETE

Operator	EOG RESOURO	CES, INC WI	[% 55.3	3334	NRI %	•	47.37743	
AFE No	303698	Al	FE Total	1,487,000	DHC	/ CWC	661,300/ 82	5,700
Rig Contr	ELENBURG	Rig Name	ELENBURG #29	Start Date	08-27-2008	Release	Date	
08-27-2008	Reported By	SHEIL	A MALLOY					
DailyCosts: Dr	rilling \$0		Completion	\$0	Da	aily Total	\$0	
Cum Costs: Di	rilling \$0		Completion	\$0	W	ell Total	\$0	
MD	0 TVD	0 P r	rogress 0	Days	0 MW	0.0	Visc	0.0
Formation:		PBTD : 0.0		Perf:		PKR De	pth: 0.0	

Activity at Report Time: LOCATION DATA

1.0

Event No

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

549' FNL & 1960' FEL (NW/NE) SECTION 18, T9S, R23E UINTAH COUNTY, UTAH

LAT 40.041767 LONG 109.367236 (NAD 83) LAT 40.041800, LONG 109.366556 (NAD 27)

Description

ELENBERG #29

OBJECTIVE:9400' MD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU 0337

ELEVATION: 4901.8' NAT GL, 4900.1' PREP GL (DUE TO ROUNDING PREP GL WILL BE 4900'), 4913' KB (13')

EOG WI 55.3334%, NRI 47.37743%

09–08–2009 Reported By TERRY LOCATION

DailyCosts: Drilling	\$50,000	Completion	\$0		Daily	Total	\$50,000	
Cum Costs: Drilling	\$50,000	Completion	\$0		Well T	Total (\$50,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0.0	0	Perf:			PKR Dep	oth: 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Descr	ription						
06:00 06:00	24.0 START LOCATI	ON TODAY 9/8/09.						
09-09-2009 Re	eported By TE	RRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$50,000	Completion	\$0		Well T	Total	\$50,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0.0)	Perf:			PKR Dep	oth: 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Descr	ription						
06:00 06:00	24.0 LOCATION 10%	6 COMPLETE.						
09-10-2009 Re	eported By TE	RRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$50,000	Completion	\$0		Well T	Total (\$50,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0.0)	Perf:			PKR Dej	oth: 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Descr	ription						
06:00 06:00	24.0 LOCATION 25%	6 COMPLETE.						
09-11-2009 Re	eported By TE	RRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$50,000	Completion	\$0		Well T	Total (\$50,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation:	PBTD : 0.0	0	Perf:			PKR Dej	oth: 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Descr	ription						
06:00 06:00	24.0 LOCATION CO	MPLETE. HAULING RO	OCK, LOCATI	ON & ROAI	D.			
09-14-2009 Re	eported By TE	RRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$50,000	Completion	\$0		Well T		\$50,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0.0	_	Perf:			PKR Dej	oth: 0.0	
	me: BUILD LOCATION					•		
Start End	Hrs Activity Descr	ription						
Dia Dia								
06:00 06:00		MPLETE. HAULING RO	OCK, LOCATI	ON & ROAI	D.			

DailyCosts: Drilling	\$0	Con	npletion	\$0		Daily '	Total	\$0	
Cum Costs: Drilling	\$50,000	Con	npletion	\$0		Well T	otal	\$50,000	
MD 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PBT	D : 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report T	me: BUILD LOCA	ΓΙΟΝ							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 LOCATION	ON IS COMPLETE. I	HAULING I	ROCK, LOCA	ΓΙΟΝ & RO	AD.			
09–16–2009 R	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Cor	mpletion	\$0		Daily '	Total	\$0	
Cum Costs: Drilling	\$50,000	Con	mpletion	\$0		Well T	otal	\$50,000	
MD 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PBT	D: 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report T	me: BUILD LOCA	ΓΙΟΝ							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 LOCATION	ON IS COMPLETE. I	HAULING I	ROCK, LOCA	ΓΙΟΝ & RO	AD.			
09-17-2009 R	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Cor	mpletion	\$0		Daily '	Total	\$0	
Cum Costs: Drilling	\$50,000	Cor	mpletion	\$0		Well T	otal	\$50,000	
MD 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PBT	0.0 : 0		Perf:			PKR De	pth: 0.0	
Activity at Report T	ime: BUILD LOCA	ΓΙΟΝ							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 LOCATION	ON IS COMPLETE. I	HAULING I	ROCK TO LO	CATION &	ROAD.			
09-18-2009 R	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Cor	mpletion	\$0		Daily '	Total	\$0	
Cum Costs: Drilling	\$50,000	Cor	npletion	\$0		Well T	otal	\$50,000	
MD 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBT	0.0 : 0		Perf:			PKR De	pth: 0.0	
Activity at Report T	ime: BUILD LOCA	ΓΙΟΝ							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 LOCATION	ON IS COMPLETE.	CLOSED LO	OOP 80%.					
09-21-2009 R	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Con	npletion	\$0		Daily '	Total	\$0	
	\$50,000	Con	mpletion	\$0		Well T	otal	\$50,000	
Cum Costs: Drilling	\$50,000								
Cum Costs: Drilling MD 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
_	TVD		0	Days Perf :	0	MW	0.0 PKR De]		0.0
MD 0	TVD PBT	0 Progress D : 0.0	0	-	0	MW			0.0
MD 0 Formation:	TVD PBT ime: LOCATION B	0 Progress D : 0.0	0	-	0	MW			0.0
MD 0 Formation: Activity at Report T	TVD PBI ime: LOCATION B	0 Progress OD: 0.0 UILD	0	-	0	MW			0.0

DailyCosts: Drilling \$0				Completion \$0				Daily	\$0		
Cum Costs: Drilling \$50,000		00	Completion \$0			Well Total			\$50,000		
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation: PBTD: 0.			0.0		Perf:			PKR Dep	oth: 0.0		

Activity at Report Time: WO AIR RIG

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 10/29/09 @ 8:00 AM. SET +/-60' OF 14" CONDUCTOR.
			CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE
			AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 10/28/09 @ 7:53 AM.

			FORM 9		
	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0337		
SUNDF	RY NOTICES AND REPORTS (ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepen e Igged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1146-18		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047403230000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	il, UT, 84078 435 781-911	PHONE NUMBER: 1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0549 FNL 1960 FEL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNE Section: 18	P, RANGE, MERIDIAN: Township: 09.0S Range: 23.0E Meridian: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
		_			
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION		
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
✓ DRILLING REPORT	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
12/31/2009	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:		
l .	MPLETED OPERATIONS. Clearly show all perti rred since last submission on 1	2/1/2009 to 12/31/2009. A L Oil	Accepted by the Utah Division of I, Gas and Mining R RECORD ONLY		
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk			
SIGNATURE N/A		DATE 12/31/2009			

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE. DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0337
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen on gged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1146-18
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3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	al, UT, 84078 435 781-911	PHONE NUMBER: .1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0549 FNL 1960 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNE Section: 18	IP, RANGE, MERIDIAN: Township: 09.0S Range: 23.0E Meridian: S	5	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
2/2/2010	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:
Waiting on completi	on operations, please see the astronomerations on operations, please see the astronomerations of the second sections of the section section section sections of the sec	attached well chronology ity up to 2/2/2010. A U Oil	olumes, etc. Accepted by the Utah Division of I, Gas and Mining R RECORD ONLY February ()2, 2010
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk	
SIGNATURE	.55 /01 /175	DATE	
N/A		2/2/2010	

DailyCosts: Drilling \$6		\$0		Completion				Daily	\$0		
Cum Costs:	Drilling	\$50,00	00	Com	pletion	\$0		Well 7	Total	\$50,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR Der	th: 00	

Activity at Report Time: WO AIR RIG

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 10/29/09 @ 8:00 AM. SET +/-60' OF 14" CONDUCTOR.
			CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE

AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 10/28/09 @ 7:53 AM.

01-08-2010	Re	eported By	JE	SSE TATMAN/I	KENT DE	VENPORT					
DailyCosts: 1	Drilling	\$217,4	109	Com	pletion	\$0		Daily	Total	\$217,409	
Cum Costs:	Drilling	\$267,4	109	Com	pletion	\$0		Well 7	Fotal	\$267,409	
MD	2,436	TVD	2,436	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD : 0	.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: WORT

Start End Hrs Activity Description

06:00 06:00

24.0 MIRU CRAIG'S AIR RIG #2 ON 11/2/2009. DRILLED 12–1/4" HOLE TO 2420' GL (2436' KB). ENCOUNTERED NO WATER WHILE DRILLING. FLUID DRILLED FROM 1750' TO TD (2420' GL). RAN 56 JTS (2409.05') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2425.05' KB. RDMO CRAIGS RIG #2.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 4000 PSIG. PUMPED 183 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (182.5 BBLS) OF PREMIUM LEAD CEMENT (10.5 PPG, 4.1 CF/SX) WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/183 BBLS FRESH WATER. BUMPED PLUG W/250# @ 16:00, 11/6/2009 FLOATS HELD. NO RETURNS OF CEMENT OR FRESHWATER FLUSH TO SURFACE.

TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 4 HOURS.

TOP JOB # 2: MIXED & PUMPED 110 SX (22 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. COMPETENT CEMENT TO SURFACE. CEMENT LEVEL STOOD FULL. RELEASE HALLIBURTON.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIGS RIG 2 TOOK SURVEYS WHILE DRILLING HOLE @ 1390' =1.5 DEGREE, 1720' =1.5 DEGREE, & 2400' =2.0 DEGREE.

KENT DEVENPORT NOTIFIED BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 11/5/2009 @ 18: 00 PM.

JESSE TATMAN NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON $11/5/2009 \ @ 18:00 \ PM$.

01–11–2010 Reported By PAT CLARK

DailyCosts: Drilling \$76,200 **Completion** \$0 **Daily Total** \$76,200

Page 4

Well Name: CWU 1146–18 Field: CHAPITA DEEP Property: 057847

Cum Costs: Drilling\$343,609Completion\$0Well Total\$343,609

MD 2,436 **TVD** 2,436 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: MOVE IN RIG UP

Start End Hrs Activity Description

06:00 08:00 2.0 WORT.

08:00 06:00 22.0 RIG MOVE FROM CWU 1153-27 TO CWU 1146-18. 12.6 MILE.

RIG MOVED 90% – RIGGED UP 5% FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - 100 % TIE-OFF, RIG MOVE.

PAT CLARK 01-12-2010 Reported By DailyCosts: Drilling \$43,688 \$0 **Daily Total** \$43,688 Completion **Cum Costs: Drilling Well Total** \$387,297 Completion \$0 \$387,297 2,436 0 0.0 Visc 0.0 MD TVD 2,436 **Progress** Days 0 MW

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: RURT

Start End Hrs Activity Description

06:00 06:00 24.0 HSM. MIRURT. TRUCKS AND CRANE RELEASED @ 13:00, DERRICK IN AIR @ 15:30. R/U 95% COMPLETE.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – RURT, PPE.

FUEL – 5750, DEL – 4500, USED – 640.

01-13-2010 PAT CLARK Reported By \$34,122 \$0 **Daily Total** \$34,122 DailyCosts: Drilling Completion \$421,419 \$0 \$421,419 **Cum Costs: Drilling** Completion **Well Total** 29.0 MD 2,603 178 9.0 **TVD** 2,603 **Progress** Days 1 MWVisc PKR Depth: 0.0 Formation: **PBTD**: 0.0 Perf:

Activity at Report Time: DRILLING @ 2603'

Start	End	Hrs	Activity Description
06:00	14:00	8.0	FINISH RIGGING UP. DO PRESPUD CHECKLIST W/ CHAD JACKSON, BOB RUSSELL, KENT DEVENPORT, RIGACCEPTED DAYRATE @ $14:00$ HRS, $1/12/10$.
14:00	18:00	4.0	HSM. TEST BOPE. TEST HIGH 500 PSI, LOW 250 PSI UPPER AND LOWER KELLY VALVE, SAFETY AND DART VALVE, PIPE AND BLIND RAMS, HCR, KILL LINE AND VALVE, CHOKE LINE, CHOKE VALVE, MANIFOLD. TEST HIGH 1500 PSI, 250 PSI LOW ANNULAR PREVENTER. PERFORM ACCUMULATOR FUNCTION TEST. WINTERIZE MANIFOLD W/ALCOHOL. NO BLM REPRESENTATIVE ON LOCATION.
			BLM, STATE NOTIFIED OF BOP TEST @ 07:00 ON 1–11–10.
18:00	22:30	4.5	HSM. R/U WEATHERFORD/TRS. PU BHA & TOOLS, TAG CEMENT @ 2341'. R/D TRS.
22:30	23:00	0.5	PRE-SPUD WALKTHROUGH, CHECK FOR LEAKS.
23:00	00:30	1.5	FILL PIPE, WORK ON SHAKERS.
00:30	02:00	1.5	DRILL CEMENT/FLOAT EQUIP. FLOAT @ 2380', SHOE @ 2425'. DRILL 10' TO 2435'.
02:00	02:30	0.5	FIT TEST TO 253 PSI FOR 10.5 EMW.
02:30	03:30	1.0	DRILL 2435' – 2564'. WOB 12K, RPM 64/67, SPP 1300 PSI, DP 350 PSI, ROP 129 FPH.
03:30	05:30	2.0	WORK ON SHAKERS.
05:30	06:00	0.5	DRILL 2564' – 2603'. WOB 15K, RPM 64/67, SPP 1350 PSI, DP 350 PSI, ROP 78 FPH.

FULL CREWS, NO ACCIDENTS.

 $SAFETY\ MEETINGS-R/U\ TRS,\ P/U\ BHA,\ R/D\ TRS.$

 $\begin{aligned} &MW-9 \text{ PPG, VIS}-29 \text{ SPQ.} \\ &FUEL-4600, USED-1150. \end{aligned}$

06:00 SPUD 7 7/8" HOLE @ 02:00 HRS, 1/13/10.

01-14-2010	Re	eported By	Kl	EITH KAROW							
DailyCosts: 1	Drilling	\$26,	621	Con	npletion	\$0		Dail	y Total	\$26,621	
Cum Costs:	Drilling	\$448	3,040	Con	npletion	\$0		Well	Total	\$448,040	
MD	4,586	TVD	4,586	Progress	1,983	Days	2	MW	9.1	Visc	32.0
Formation:			PBTD : 0	.0		Perf:			PKR De _l	oth: 0.0	

Activity at Report Time: DRILLING@ 4586

Start	End	Hrs	Activity Description
06:00	07:30	1.5	$ DRILL\ 2603' - 2760'.\ WOB\ 15K,\ RPM\ 60/65,\ SPP\ 1350\ PSI,\ DP\ 350\ PSI,\ ROP\ 105\ FPH. $
07:30	08:00	0.5	RIG SERVICE. CHECK COM.
08:00	11:00	3.0	DRILL 2760' – 3013'. WOB 17K, RPM 62/65, SPP 1375 PSI, DP 300 PSI, ROP 84 FPH.
11:00	11:30	0.5	SURVEY @ 2934' – 1.36 DEG.
11:30	00:30	13.0	eq:def:def:def:def:def:def:def:def:def:def
00:30	01:00	0.5	SURVEY @ 4000' – 1.87 DEG.
01:00	06:00	5.0	DRILL 4083' -4586'. WOB 17K, RPM 62/65, SPP 1375 PSI, DP 300 PSI, ROP 100.5 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – MAKING CONNECTION.

MW-10 PPG, VIS $-\,33$ SPQ.

BOILER 8HR, FORK LIFT 3HR.

FUEL - 2750, USED - 1850.

MW - 11 PPG, VIS -34 SPQ.

01-15-2010	Re	eported By	K	EITH KAROW							
DailyCosts: D	rilling	\$45,	468	Cor	npletion	\$0		Daily	Total	\$45,468	
Cum Costs: D	rilling	\$493	,509	Cor	npletion	\$0		Well '	Total	\$493,509	
MD	5,688	TVD	5,688	Progress	1,102	Days	3	MW	10.0	Visc	33.0
Formation:			PBTD : 0	.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 5688'

Start	End	Hrs	Activity Description
06:00	10:30	4.5	DRILL 4586' – 4871. WOB 17K, RPM 60, SPP 1700 PSI, DP 300 PSI, ROP 63.5 FPH.
10:30	11:00	0.5	SERVICE RIG.
11:00	14:00	3.0	DRILL 4871' –5060'. WOB 17K, RPM 60, SPP 1700 PSI, DP 300 PSI, ROP 63.5 FPH.
14:00	14:30	0.5	SURVEY @ 5000' – 1.00 DEG.
14:30	06:00	15.5	DRILL 5060' – 5688' WOB 19K, RPM 60, SPP 2100 PSI, DP 300 PSI, ROP 40.5 FPH.
			FULL CREWS, NO ACCIDENTS.
			SAFETY MEETINGS – DRIVING.

Well Name: CWU 1146–18 Field: CHAPITA DEEP Property: 057847

FUEL -4200 ADDED 4900 ON HAND, USED - 2050.

		FUEL	4200 A	DDED 4900 O	N HAND, U	SED – 2050.					
01-16-201	l0 Re	eported By	K	EITH KAROW							
DailyCosts	s: Drilling	\$53,072	!	Con	mpletion	\$0		Dail	y Total	\$53,072	
Cum Costs	s: Drilling	\$546,58	32	Con	mpletion	\$0		Well	Total	\$546,582	
MD	6,379	TVD	6,379	Progress	691	Days	4	MW	11.2	Visc	35.0
Formation	ı:	F	PBTD : 0	.0		Perf:			PKR Dep	pth: 0.0	
Activity at	Report Ti	me: DRILLING	6 @ 6379°								
Start	End	Hrs Activ	vity Desc	ription							
06:00	14:00	8.0 DRIL	L 5688' –	5874' WOB 19	9K, RPM 55	, SPP 2100 PS	SI, DP 300 P	SI, ROP 23.5	FPH.		
14:00	14:30	0.5 SERV	ICE RIG								
14:30	05:30			6379' WOB 19	9K, RPM 55	, SPP 2100 PS	SI, DP 300 P	SI, ROP 33.7	FPH.		
05:30	06:00	0.5 SURV	/EY @ 63	00'							
		FIII	CREWS	, NO ACCIDEN	NTS						
				ΓINGS – HOU		G					
				G, VIS – 34 SP							
		FUEL	2000 A	DDED 4900 O	N HAND, U	SED – 2450.					
01-17-201	10 Re	eported By	K	EITH KAROW	r						
DailyCosts	s: Drilling	\$26,496	j	Cor	mpletion	\$0		Dail	y Total	\$26,496	
Cum Costs	s: Drilling	\$573,07	' 8	Cor	mpletion	\$0		Well	Total	\$573,078	
MD	7,080	TVD	7,080	Progress	701	Days	5	MW	11.4	Visc	37.0
Formation	ı:	F	PBTD : 0	.0		Perf:			PKR De _l	oth: 0.0	
Activity at	Report Ti	me: DRILLING	6 @ 7080°								
Activity at Start	Report Ti		3 @ 7080' vity Desc	ription							
_	_	Hrs Activ	vity Desc	ription 6626' WOB 19	K, RPM 55,	SPP 2100 PS	I, DP 300 PS	SI, ROP 30.9	FPH.		
Start	End	Hrs Activ	v ity Desc L 6379' –	=	K, RPM 55,	SPP 2100 PS	I, DP 300 PS	SI, ROP 30.9	FРН.		
Start 06:00	End 14:00	Hrs Activ 8.0 DRIL 0.5 SERV	v ity Desc L 6379' – VICE RIG	=							
Start 06:00 14:00	End 14:00 14:30	8.0 DRIL 0.5 SERV 15.5 DRIL	vity Desc .L 6379' – VICE RIG .L 6626' –	7080' WOB 19	9K, RPM 55						
Start 06:00 14:00	End 14:00 14:30	8.0 DRILL 0.5 SERV 15.5 DRILL FULL	vity Desc L 6379' – VICE RIG L 6626' –	6626' WOB 19 7080' WOB 19	9K, RPM 55 NTS.	, SPP 2100 PS					
Start 06:00 14:00	End 14:00 14:30	8.0 DRIL 0.5 SERV 15.5 DRIL FULL SAFE	vity Desc L 6379' – VICE RIG L 6626' – L CREWS	6626' WOB 19 7080' WOB 19 , NO ACCIDEN	9K, RPM 55 NTS. NGING TO	, SPP 2100 PS					
Start 06:00 14:00	End 14:00 14:30	8.0 DRILL 0.5 SERV 15.5 DRILL SAFE MW	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE – 11.5 PPC	6626' WOB 19 7080' WOB 19	9K, RPM 55 NTS. NGING TO Q.	, SPP 2100 P: NG DIES.					
Start 06:00 14:00 14:30	End 14:00 14:30 06:00	8.0 DRIL 0.5 SERV 15.5 DRIL FULL SAFE MW - FUEL	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPC L –0 ADD	7080' WOB 19 7080' WOB 19 , NO ACCIDEN TINGS – CHA G, VIS – 36 SP	9K, RPM 55 NTS. NGING TO Q. IAND, USE	, SPP 2100 P: NG DIES.					
Start 06:00 14:00 14:30	End 14:00 14:30 06:00	8.0 DRILL 0.5 SERV 15.5 DRILL SAFE MW FULL SPORTED BY	vity Desc L 6379' – VICE RIG L 6626' – CREWS ETY MEE' – 11.5 PPO L –0 ADD	7080' WOB 19 7080' WOB 19 , NO ACCIDEN FINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW	9K, RPM 55 NTS. NGING TO Q. IAND, USE	, SPP 2100 PS NG DIES. D – 2724		SI, ROP 45.2	2 FPH.	\$39.311	
Start 06:00 14:00 14:30 01-18-201 DailyCosts	End 14:00 14:30 06:00 10 Resc. Drilling	8.0 DRIL 0.5 SERV 15.5 DRIL FULL SAFE MW - FUEL	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPC L –0 ADD	7080' WOB 19 7080' WOB 19 , NO ACCIDEN TINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW	PK, RPM 55 NTS. NGING TO Q. IAND, USE	, SPP 2100 P: NG DIES.		SI, ROP 45.2 Dail	y Total	\$39,311 \$612,390	
06:00 14:00 14:30 01-18-201 DailyCosts Cum Costs	End 14:00 14:30 06:00 10 Ref 8: Drilling 8: Drilling	8.0 DRIL 0.5 SERV 15.5 DRIL FULL SAFE MW FUEL Ported By \$39,311 \$612,39	vity Desc L 6379' – VICE RIG L 6626' – CREWS ETY MEE' – 11.5 PPO L –0 ADD: KI	7080' WOB 19 7080' WOB 19 5, NO ACCIDEN FINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW Con	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion	\$0 \$0	SI, DP 300 P	SI, ROP 45.2 Dail Well	y Total Total	\$612,390	38.0
06:00 14:00 14:30 01–18–201 DailyCosts Cum Costs	End 14:00 14:30 06:00 10 Resc: Drilling 7,875	### Active 8.0 DRILL 0.5 SERV 15.5 DRILL FULL SAFE MW FUEL Eported By \$39,311 \$612,39	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE – 11.5 PPO L –0 ADD KI	7080' WOB 19	PK, RPM 55 NTS. NGING TO Q. IAND, USE	\$0 Days		SI, ROP 45.2 Dail	y Total Total	\$612,390 Visc	38.0
06:00 14:00 14:30 01-18-201 DailyCosts Cum Costs MD Formation	End 14:00 14:30 06:00 Res: Drilling 7,875	8.0 DRIL 0.5 SERV 15.5 DRIL FULL SAFE MW FUEL Ported By \$39,311 \$612,39	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPO KI 00 7,875 PBTD: 0	7080' WOB 19	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion	\$0 \$0	SI, DP 300 P	SI, ROP 45.2 Dail Well	y Total Total	\$612,390 Visc	38.0
O1-18-201 DailyCosts Cum Costs MD Formation Activity at	End 14:00 14:30 06:00 10 Re s: Drilling 7,875 1: Report Tin	8.0 DRIL 0.5 SERV 15.5 DRIL FULI SAFE MW FUEL Poorted By \$39,311 \$612,39 TVD Fue: DRILLING	VITY Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPC L –0 ADD: KI 00 7,875 PBTD: 0	7080' WOB 19 FINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW Coi Progress .0	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion	\$0 Days	SI, DP 300 P	SI, ROP 45.2 Dail Well	y Total Total	\$612,390 Visc	38.0
O1-18-201 DailyCosts Cum Costs MD Formation Activity at	End 14:00 14:30 06:00 10 Ress: Drilling 7,875 1: Report Title End	8.0 DRILL 0.5 SERV 15.5 DRIL FULL SAFE MW FUEL Ported By \$39,311 \$612,39 TVD Her: DRILLING Hrs Activ	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPO KI OO 7,875 PBTD: 0 G @ 7875' vity Desc	7080' WOB 19 7080' WOB 19 7080' WOB 19 , NO ACCIDENTINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW Con Progress .0 ription	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion 795	\$0 \$0 Days Perf :	SI, DP 300 P	Daily Well MW	y Total Total 11.4 PKR Dep	\$612,390 Visc	38.0
O1-18-201 DailyCosts Cum Costs MD Formation Activity at	End 14:00 14:30 06:00 10 Re s: Drilling 7,875 1: Report Tin	8.0 DRILL 0.5 SERV 15.5 DRIL FULL SAFE MW FUEL Ported By \$39,311 \$612,39 TVD Her: DRILLING Hrs Activ	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPC L –0 ADD KI 00 7,875 PBTD: 0 G @ 7875' vity Desc L 7080' –	7080' WOB 19 FINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW Coi Progress .0	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion 795	\$0 \$0 Days Perf :	SI, DP 300 P	Daily Well MW	y Total Total 11.4 PKR Dep	\$612,390 Visc	38.0
Start 06:00 14:00 14:30 01–18–201 DailyCosts Cum Costs MD Formation Activity at Start 06:00	End 14:00 14:30 06:00 10 Res: Drilling 7,875 1: Report Tin End 13:30	8.0 DRILL 0.5 SERV 15.5 DRILL SAFE MW FUEL Sported By \$39,311 \$612,39 TVD Here: DRILLING Hrs Activ 7.5 DRILL 0.5 SERV	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPO L –0 ADD: VICE RIG VICE RIG	7080' WOB 19 7080' WOB 19 7080' WOB 19 , NO ACCIDENTINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW Con Progress .0 ription	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion 795	\$0 \$0 Days Perf :	6 SI, DP 300 P	Dail; Well MW	y Total Total 11.4 PKR Dep	\$612,390 Visc	38.0

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – SETTING COM. MW – 11.5 PPG, VIS – 36 SPQ.

FUEL - 4500 ADDED 4650 ON HAND, USED - 2026

01-19-2010	R	eported By	KI	EITH KAROW							
DailyCosts: Drilling \$22,980 Completion \$0 Daily Total \$22,980											
Cum Costs: D	rilling	\$635,3	70	Com	pletion	\$0		Well	Total	\$635,370	
MD	8,490	TVD	8,490	Progress	615	Days	7	MW	11.7	Visc	38.0
Formation:]	PBTD : 0	.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 8490'

Start	End	Hrs	Activity Description
06:00	15:00	9.0	DRILL 7875' – 8093' WOB 19K, RPM 55, SPP 2100 PSI, DP 300 PSI, ROP 24.2 FPH.
15:00	15:30	0.5	SERVICE RIG
15:30	06:00	14.5	DRILL 8093' – 8490' WOB 19K, RPM 55, SPP 2100 PSI, DP 300 PSI, ROP 27.4 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – LAST DAY ON TOUR.

MW – 11.7 PPG, VIS – 38 SPQ.

FUEL - 00 ADDED 4650 ON HAND, USED - 2000

01-20-2010 Reported By			KEITH KAROW								
DailyCosts: D	rilling	\$53,	551	Con	npletion	\$0		Daily	Total	\$53,551	
Cum Costs: D	rilling	\$683	3,892	Con	npletion	\$0		Well	Total	\$683,892	
MD	8,657	TVD	8,657	Progress	167	Days	8	MW	11.7	Visc	37.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 8657'

Start	End	Hrs Activity Description
06:00	13:00	7.0 DRILL 8490' – 8596' WOB 19K, RPM 55, SPP 2100 PSI, DP 300 PSI, ROP 15.2 FPH.
13:00	14:00	1.0 MIX & PUMP PILL.
14:00	18:00	4.0 DROP TOTCO, POOH FOR BIT #1, L/D REAMERS & CHANGE OUT MOTOR, SURVEY @ 2.18 DEG.
18:00	19:30	1.5 PU MOTOR & BIT.
19:30	02:30	7.0 TIH FILL PIPE @ 4000' & 7500'.
02:30	03:00	0.5 WASH/REAM 60' TO BOTTOM.
03:00	06:00	3.0 DRILL 8596' – 8657' WOB 19K, RPM 55, SPP 2100 PSI, DP 300 PSI, ROP 15.2 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – TRIPPING PIPE.

MW - 11.7 PPG, VIS - 38 SPQ.

FUEL - 5438 ON HAND, USED- 1412

01-21-2010	Re	eported By	K	EITH KAROW							
DailyCosts: I	Prilling	\$35,9	14	Com	pletion	\$0		Daily	Total	\$35,914	
Cum Costs: I	Orilling	\$719,	807	Com	pletion	\$0		Well '	Total	\$719,807	
MD	9,400	TVD	9,400	Progress	804	Days	9	MW	11.7	Visc	38.0

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: CIRCULATE FOR SHORT TRIP End Start **Activity Description** 06:00 14:00 8.0 DRILL 8596' - 8657' WOB 19K, RPM 55, SPP 2100 PSI, DP 300 PSI, ROP 15.2 FPH. 14:00 14:30 0.5 SERVICE RIG 15.0 DRILL 8657' - 9400' WOB 19K, RPM 55, SPP 2100 PSI, DP 300 PSI, ROP 47 FPH. REACHED TD @ 05:30 HRS, 14:30 05:30 1/21/2010. 0.5 CIRCULATE AND CONDITION MUD FOR SHORT TRIP. 05:30 06:00 FULL CREWS, NO ACCIDENTS. SAFETY MEETINGS - TRIPPING PIPE. MW - 11.7 PPG, VIS - 38 SPQ. FUEL - 3390 ON HAND, USED- 2048. 01-22-2010 Reported By KEITH KAROW **Daily Total** DailyCosts: Drilling \$32,419 \$0 \$32,419 Completion **Cum Costs: Drilling** \$752,227 Completion \$0 Well Total \$752,227 9,400 9,400 0 10 MW0.0 0.0 MD **TVD Progress** Days Visc **Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RUNNING 4-1/2" CSG Start End Hrs **Activity Description** 07:30 1.5 CIRCULATE AND CONDITION MUD FOR SHORT TRIP. 06:00 07:30 10:30 3.0 WIPER TRIP/SHORT TRIP TO SURFACE CSG SHOE. 3.5 TIH, FILL HOLE. 10:30 14:00 2.0 HSM. CIRCULATE OUT GAS, CIRCULATE AND CONDITION MUD. BUILD AND PUMP PILL. DROP SURVEY. 14:00 16:00 01:00 9.0 HSM W/WEATHERFORD TRS. R/U CASERS AND L/D DP, BHA. REMOVE WEAR BUSHING. 16:00 RECOVER SURVEY, 1.04 DEG @ TD. 01:00 06:00 5.0 HSM. WITH CREWS TO RU & RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS - FLOAT SHOE, 1 JT CSG, FLOAT COLLAR, 54 JTS CSG, MJ @, 64 JTS CSG, MJ, 32 JTS CSG (150 JTS TOTAL - 6400'). FULL CREWS, NO ACCIDENTS. SAFETY MEETINGS - HAND SIGNALS. MW - 11.7 PPG, VIS - 38 SPQ. FUEL - 5140 ON HAND, USED- 1200. KEITH KAROW 01-23-2010 Reported By DailyCosts: Drilling \$23,547 Completion \$130,200 **Daily Total** \$153,748 \$130,200 \$905,975 **Cum Costs: Drilling** \$775,775 **Well Total** Completion MD 9,400 **TVD** MW0.0 0.0 9,400 **Progress Davs** Visc Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start **Activity Description** End Hrs

06:00	09:00	3.0 HSM. RUN TOTAL OF 221 JTS OF 4 1/2", 11.6#, P–110, LT&C CSG AS FOLLOWS – FLOAT SHOE @ 9389', 1 JT CSG, FLOAT COLLAR @ 9343', 53 JTS CSG, MJ @ 7086', 64 JTS CSG, MJ @ 4377', 103JTS CSG (221 TOTAL), MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. (TAGGED BOTTOM @ 9400' CSG STAP).
09:00	11:00	2.0 HSM. CIRCULATE AND CONDITION MUD FOR CEMENT. AFTER BOTTOMS UP, R/D WEATHERFORD TRS.
11:00	14:00	3.0 HSM, R/U HALLIBURTON. PRESSURE TEST LINES TO 6000 PSI, CEMENT WELL AS FOLLOWS: DROP BOTTOM PLUG, PUMP 20 BBLS MUD FLUSH, MIX AND PUMP 535 SX (155 BBLS, 867 CU/FT) LEAD HIGHBOND 75 CEMENT @ 12.5 PPG, 1.62 YLD, H2O 8.22 GAL/SK + 4% BENTONITE + .3% VERSASET. MIX AND PUMP 1325 SX (347 BBLS, 1948 CU/FT) TAIL EXTENDACEM CEMENT @ 13.5 PPG, 1.47 YLD, H2O 6.98 GAL/SK + .125 LBM POLY-E-FLAKE. WASH UP TO RIG TANK, DROP TOP PLUG AND DISPLACE W/145 BBLS. LOST RETURNS LAST 5 - 7 BBLS WHILE PUMPING 3BBLS/MIN. MAX PRESSURE 2680 PSI, BUMPED PLUG TO 3620 PSI. BLED BACK 3 BBLS, FLOAT HELD. R/D HALLIBURTON. BLM NOTIFIED BY E-MAIL 1-20-10.
14:00	18:00	4.0 PACK OFF AND TEST CASING HEAD.
18:00	20:30	2.5 NDBOP, CLEAN MUD TANKS W/ HYROVAC.
		FULL CREWS, NO ACCIDENTS.
		SAFETY MEETING. CEMENTING
		FUEL – 4050 ON HAND, USED– 1100.
20:30	06:00	9.5 RDRT, FROM CWU 1146–18 MIRU 981–11. 0% OF RIG @ NEW LOCATION MILAGE 2.5 MI.
		FINISHED CLEANING MUD TANKS @ 20:30.
		FULL CREWS, NO ACCIDENTS.
		SAFETY MEETINGS – RIG MOVE.
		MW – 11.7 PPG, VIS – 38 SPQ.
		FUEL – 4150
06:00		RIG RELEASED @ 20:30 HRS, 1/22/10.
		CASING POINT COST \$775,775

	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0337			
SUND	RY NOTICES AND REPORTS (ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	sals to drill new wells, significantly deepen e igged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1146-18			
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047403230000			
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	al, UT, 84078 435 781-911	PHONE NUMBER: 1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0549 FNL 1960 FEL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNE Section: 18	IP, RANGE, MERIDIAN: Township: 09.0S Range: 23.0E Meridian: S		STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE [ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [FRACTURE TREAT	NEW CONSTRUCTION			
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
SPUD REPORT Date of Spud:	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
✓ DRILLING REPORT	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL			
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
2/13/2010	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
The referenced w	MPLETED OPERATIONS. Clearly show all perti ell was turned to sales on 2/13 s summary report for drilling an performed on the subject we	/2010. Please see the document of the left				
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk				
SIGNATURE	133 701 3143	DATE				
N/A		2/24/2010				

WELL CHRONOLOGY REPORT

Report Generated On: 02-24-2010

Well Name	CWU 1146-18	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-40323	Well Class	1SA
County, State	UINTAH, UT	Spud Date	01-13-2010	Class Date	02-13-2010
Tax Credit	N	TVD / MD	9,400/9,400	Property #	057847
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	0/0
KB / GL Elev	4,916/4,900				
Location	Section 18, T9S, R23E, NWN	E, 549 FNL & 1960 F	EL		

DRILL & COMPLETE

Operator	EOG RESOUR	CES, INC WI %	100	82.033146	NRI %	0.0	
AFE No	303698	AFE 7	Total	1,487,000	DHC/0	CWC 6	61,300/ 825,700
Rig Contr	TRUE	Rig Name	ΓRUE #31	Start Date	08-27-2008	Release Date	2 01–22–2010
08-27-2008	Reported By	SHEILA M	ALLOY				
DailyCosts: Da	rilling \$0		Completion	\$0	Dail	y Total \$	0
Cum Costs: D	rilling \$0		Completion	\$0	Well	l Total \$	0
MD	0 TVD	0 Progr	ess 0	Days	0 MW	0.0	7 isc 0.0
Formation:		PBTD : 0.0		Perf:		PKR Depth	: 0.0

Activity at Report Time: LOCATION DATA

1.0

Event No

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

549' FNL & 1960' FEL (NW/NE) SECTION 18, T9S, R23E UINTAH COUNTY, UTAH

LAT 40.041767 LONG 109.367236 (NAD 83) LAT 40.041800, LONG 109.366556 (NAD 27)

Description

TRUE #31

OBJECTIVE:9400' MD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU 0337

ELEVATION: 4901.8' NAT GL, 4900.1' PREP GL (DUE TO ROUNDING PREP GL WILL BE 4900'), 4916' KB (16')

EOG BPO WI 100%, NRI 82.033146% EOG APO WI 55.4002%, NRI 47.404588%

09–08–2009 Reported By TERRY LOCATION

Well Name: CWU 1146–18 Field: CHAPITA DEEP Property: 057847

DailyCosts: Drilling	\$50,000	Compl	letion	\$0		Daily T	otal	\$50,000	
Cum Costs: Drilling	\$50,000	Compl	letion	\$0		Well To	otal	\$50,000	
MD 0	TVD	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PBT	D : 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCAT	TION							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 START LO	OCATION TODAY 9/8/0	09.						
09-09-2009 R	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Compl	letion	\$0		Daily T	otal	\$0	
Cum Costs: Drilling	\$50,000	Compl	letion	\$0		Well To	otal	\$50,000	
MD 0	TVD	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PBT	D : 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCAT	TION							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 LOCATIO	N 10% COMPLETE.							
09-10-2009 R	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Compl	letion	\$0		Daily T	otal	\$0	
Cum Costs: Drilling	\$50,000	Compl	letion	\$0		Well To	otal	\$50,000	
MD 0	TVD	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:	PBT	D : 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCAT	TION							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 LOCATIO	N 25% COMPLETE.							
09-11-2009 R	eported By	TERRY CSERE							
09-11-2009 Ro DailyCosts: Drilling	eported By \$0	TERRY CSERE Compl	letion	\$0		Daily T	otal	\$0	
	-			\$0 \$0		Daily T		\$0 \$50,000	
DailyCosts: Drilling	\$0 \$50,000	Compl			0				0.0
DailyCosts: Drilling Cum Costs: Drilling	\$0 \$50,000 TVD	Compl	letion	\$0	0	Well To	otal	\$50,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0	\$0 \$50,000 TVD PBT	Complete Com	letion	\$0 Days	0	Well To	otal 0.0	\$50,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	\$0 \$50,000 TVD PBT me: BUILD LOCAT	Complete Com	letion	\$0 Days	0	Well To	otal 0.0	\$50,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti	\$0 \$50,000 TVD PBT me: BUILD LOCAT Hrs Activity	Comple Co	letion 0	\$0 Days Perf:		Well To	otal 0.0	\$50,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00	\$0 \$50,000 TVD PBT me: BUILD LOCAT Hrs Activity	Complete Com	letion 0	\$0 Days Perf:		Well To	otal 0.0	\$50,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00	\$0 \$50,000 TVD PBT: me: BUILD LOCATION 44.0 LOCATION	Complete Com	0 LING RO	\$0 Days Perf:		Well To	0.0 PKR Dej	\$50,000 Visc	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00 09-14-2009 Re	\$0 \$50,000 TVD PBT me: BUILD LOCATION 44.0 LOCATION eported By	Complete Com	0 LING RO	\$0 Days Perf:		Well To	otal 0.0 PKR De	\$50,000 Visc pth: 0.0	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00 09-14-2009 Re DailyCosts: Drilling	\$0 \$50,000 TVD PBT me: BUILD LOCATION 24.0 LOCATION eported By \$0 \$50,000	Complete Com	0 LING RO	\$0 Days Perf: CK, LOCATION \$0		Well To MW Daily T	otal 0.0 PKR De	\$50,000 Visc pth: 0.0	0.0
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00 09-14-2009 Re DailyCosts: Drilling Cum Costs: Drilling	\$0 \$50,000 TVD PBT me: BUILD LOCAT Hrs Activity 24.0 LOCATIO eported By \$0 \$50,000 TVD	Complete Com	0 LING RO letion letion	\$0 Days Perf: CK, LOCATION \$0 \$0	ON & ROAI	Well To MW Daily To Well To	0.0 PKR Dep	\$50,000 Visc pth: 0.0 \$0 \$50,000 Visc	
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00 09-14-2009 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0	\$0 \$50,000 TVD PBT me: BUILD LOCATION 24.0 LOCATION eported By \$0 \$50,000 TVD PBT	Complete Com	0 LING RO letion letion	\$0 Days Perf: CK, LOCATION \$0 \$0 Days	ON & ROAI	Well To MW Daily To Well To	Otal Otal Otal Otal Otal	\$50,000 Visc pth: 0.0 \$0 \$50,000 Visc	
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00 09-14-2009 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	\$0 \$50,000 TVD PBT me: BUILD LOCATION 24.0 LOCATION eported By \$0 \$50,000 TVD PBT me: BUILD LOCATION PBT	Complete Com	0 LING RO letion letion	\$0 Days Perf: CK, LOCATION \$0 \$0 Days	ON & ROAI	Well To MW Daily To Well To	Otal Otal Otal Otal Otal	\$50,000 Visc pth: 0.0 \$0 \$50,000 Visc	
DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti Start End 06:00 06:00 09-14-2009 Ro DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Ti	\$0 \$50,000 TVD PBT me: BUILD LOCATION 24.0 LOCATION eported By \$0 \$50,000 TVD PBT me: BUILD LOCATION PBT me: BUILD LOCATION Activity	Complete Com	O LING RO Letion O	\$0 Days Perf: CK, LOCATIO \$0 \$0 Days Perf:	ON & ROAI	Well To MW Daily To Well To	Otal Otal Otal Otal Otal	\$50,000 Visc pth: 0.0 \$0 \$50,000 Visc	

DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$50,000	Completion	\$0		Well Total	\$50,000	
MD 0	TVD 0 Pr	ogress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:		PKR De	pth : 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Descripti	on					
06:00 06:00	24.0 LOCATION IS COM	IPLETE. HAULING F	ROCK, LOCA	TION & ROA	AD.		
09-16-2009 R	eported By TERRY	CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$50,000	Completion	\$0		Well Total	\$50,000	
MD 0	TVD 0 Pr	ogress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:		PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Descripti	on					
06:00 06:00	24.0 LOCATION IS COM	IPLETE. HAULING F	ROCK, LOCA	TION & ROA	AD.		
09-17-2009 R	eported By TERRY	CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$50,000	Completion	\$0		Well Total	\$50,000	
MD 0	TVD 0 Pr	ogress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:		PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Descripti	ion					
06:00 06:00	24.0 LOCATION IS COM	IPLETE. HAULING F	ROCK TO LO	CATION & I	ROAD.		
09-18-2009 R	eported By TERRY	CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$50,000	Completion	\$0		Well Total	\$50,000	
MD 0	TVD 0 Pr	ogress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:		PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Descripti	on					
06:00 06:00	24.0 LOCATION IS COM	IPLETE. CLOSED LO	OOP 80%.				
09-21-2009 R	eported By TERRY	CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$50,000	Completion	\$0		Well Total	\$50,000	
MD 0	TVD 0 Pr	ogress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:		PKR De	pth : 0.0	
Activity at Report Ti	me: LOCATION BUILD						
Start End	Hrs Activity Descripti	ion					
06:00 06:00	24.0 LOCATION COMPI	LETE.					
10-30-2009 Re	eported By KENT	DEVENPORT					

DailyCosts: 1	Drilling	\$0 Comp			pletion	\$0		Daily	Total \$0		
Cum Costs:	Drilling	\$50,00	00	Com	pletion	\$0		Well 7	Total	\$50,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR Der	th: 00	

Activity at Report Time: WO AIR RIG

Start	Ena	Hrs	Activity Description
06:00	06:00	24.0	CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 10/29/09 @ 8:00 AM. SET +/-60' OF 14" CONDUCTOR.
			CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE

AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 10/28/09 @ 7:53 AM.

01-08-2010	Re	eported By	JE	SSE TATMAN/I	KENT DE	VENPORT					
DailyCosts: 1	Drilling	\$217,4	109	Com	pletion	\$0		Daily	Total	\$217,409	
Cum Costs:	Drilling	\$267,4	109	Com	pletion	\$0		Well 7	Fotal	\$267,409	
MD	2,436	TVD	2,436	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD : 0	.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: WORT

Start End Hrs Activity Description

06:00 06:00

24.0 MIRU CRAIG'S AIR RIG #2 ON 11/2/2009. DRILLED 12–1/4" HOLE TO 2420' GL (2436' KB). ENCOUNTERED NO WATER WHILE DRILLING. FLUID DRILLED FROM 1750' TO TD (2420' GL). RAN 56 JTS (2409.05') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2425.05' KB. RDMO CRAIGS RIG #2.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 4000 PSIG. PUMPED 183 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (182.5 BBLS) OF PREMIUM LEAD CEMENT (10.5 PPG, 4.1 CF/SX) WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/183 BBLS FRESH WATER. BUMPED PLUG W/250# @ 16:00, 11/6/2009 FLOATS HELD. NO RETURNS OF CEMENT OR FRESHWATER FLUSH TO SURFACE.

TOP JOB # 1: DOWN 200' OF 1' PIPE, MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 4 HOURS.

TOP JOB # 2: MIXED & PUMPED 110 SX (22 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. COMPETENT CEMENT TO SURFACE. CEMENT LEVEL STOOD FULL. RELEASE HALLIBURTON.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIGS RIG 2 TOOK SURVEYS WHILE DRILLING HOLE @ 1390° = 1.5 DEGREE, 1720° = 1.5 DEGREE, & 2400° = 2.5 DEGREE.

KENT DEVENPORT NOTIFIED BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 11/5/2009 @ 18: 00 PM.

JESSE TATMAN NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON $11/5/2009 \ @ 18:00 \ PM$.

01–11–2010 Reported By PAT CLARK

Daily Costs: Drilling \$76,200 **Completion** \$0 **Daily Total** \$76,200

Page 4

Well Name: CWU 1146–18 Field: CHAPITA DEEP Property: 057847

Cum Costs: Drilling\$343,609Completion\$0Well Total\$343,609

MD 2,436 **TVD** 2,436 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: MOVE IN RIG UP

Start End Hrs Activity Description

06:00 08:00 2.0 WORT.

08:00 06:00 22.0 RIG MOVE FROM CWU 1153-27 TO CWU 1146-18. 12.6 MILE.

RIG MOVED 90% – RIGGED UP 5% FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - 100 % TIE-OFF, RIG MOVE.

PAT CLARK 01-12-2010 Reported By DailyCosts: Drilling \$43,688 \$0 **Daily Total** \$43,688 Completion **Cum Costs: Drilling Well Total** \$387,297 \$387,297 Completion \$0 2,436 2,436 0 0 0.0 0.0 MD TVD **Progress** Days MWVisc

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: RURT

Start End Hrs Activity Description

06:00 06:00 24.0 HSM. MIRURT. TRUCKS AND CRANE RELEASED @ 13:00, DERRICK IN AIR @ 15:30. R/U 95% COMPLETE.

FULL CREWS, NO ACCIDENTS. SAFETY MEETINGS – RURT, PPE.

FUEL - 5750, DEL - 4500, USED - 640.

Formation:	PBTI) : 0.0	Perf:			PKR Dep	oth: 0.0	
MD 2,603	TVD 2,60	03 Progress 178	Days	1	MW	9.0	Visc	29.0
Cum Costs: Drilling	\$421,419	Completion	\$0		Well '	Total	\$421,419	
DailyCosts: Drilling	\$34,122	Completion	\$0		Daily	Total	\$34,122	
01-13-2010 R	Reported By	PAT CLARK						

Activity at Report Time: DRILLING @ 2603'

Start	End	Hrs	Activity Description
06:00	14:00	8.0	FINISH RIGGING UP. DO PRESPUD CHECKLIST W/ CHAD JACKSON, BOB RUSSELL, KENT DEVENPORT, RIGACCEPTED DAYRATE @ $14:00$ HRS, $1/12/10$.
14:00	18:00	4.0	HSM. TEST BOPE. TEST HIGH 500 PSI, LOW 250 PSI UPPER AND LOWER KELLY VALVE, SAFETY AND DART VALVE, PIPE AND BLIND RAMS, HCR, KILL LINE AND VALVE, CHOKE LINE, CHOKE VALVE, MANIFOLD. TEST HIGH 1500 PSI, 250 PSI LOW ANNULAR PREVENTER. PERFORM ACCUMULATOR FUNCTION TEST. WINTERIZE MANIFOLD W/ALCOHOL. NO BLM REPRESENTATIVE ON LOCATION.
			BLM, STATE NOTIFIED OF BOP TEST @ 07:00 ON 1–11–10.
18:00	22:30	4.5	HSM. R/U WEATHERFORD/TRS. PU BHA & TOOLS, TAG CEMENT @ 2341'. R/D TRS.
22:30	23:00	0.5	PRE-SPUD WALKTHROUGH, CHECK FOR LEAKS.
23:00	00:30	1.5	FILL PIPE, WORK ON SHAKERS.
00:30	02:00	1.5	DRILL CEMENT/FLOAT EQUIP. FLOAT @ 2380', SHOE @ 2425'. DRILL 10' TO 2435'.
02:00	02:30	0.5	FIT TEST TO 253 PSI FOR 10.5 EMW.
02:30	03:30	1.0	DRILL 2435' – 2564'. WOB 12K, RPM 64/67, SPP 1300 PSI, DP 350 PSI, ROP 129 FPH.
03:30	05:30	2.0	WORK ON SHAKERS.
05:30	06:00	0.5	DRILL 2564' – 2603'. WOB 15K, RPM 64/67, SPP 1350 PSI, DP 350 PSI, ROP 78 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – R/U TRS, P/U BHA, R/D TRS.

 $\begin{aligned} &MW-9 \text{ PPG, VIS}-29 \text{ SPQ.} \\ &FUEL-4600, USED-1150. \end{aligned}$

06:00 SPUD 7 7/8" HOLE @ 02:00 HRS, 1/13/10.

01-14-2010	Re	eported By	Kl	EITH KAROW							
DailyCosts: 1	Drilling	\$26,	621	Con	npletion	\$0		Dail	y Total	\$26,621	
Cum Costs:	Drilling	\$448	3,040	Con	npletion	\$0		Well	Total	\$448,040	
MD	4,586	TVD	4,586	Progress	1,983	Days	2	MW	9.1	Visc	32.0
Formation:			PBTD : 0	.0		Perf:			PKR De _l	oth: 0.0	

Activity at Report Time: DRILLING@ 4586

Start	End	Hrs	Activity Description
06:00	07:30	1.5	$ DRILL\ 2603' - 2760'.\ WOB\ 15K,\ RPM\ 60/65,\ SPP\ 1350\ PSI,\ DP\ 350\ PSI,\ ROP\ 105\ FPH. $
07:30	08:00	0.5	RIG SERVICE. CHECK COM.
08:00	11:00	3.0	DRILL 2760' – 3013'. WOB 17K, RPM 62/65, SPP 1375 PSI, DP 300 PSI, ROP 84 FPH.
11:00	11:30	0.5	SURVEY @ 2934' – 1.36 DEG.
11:30	00:30	13.0	eq:def:def:def:def:def:def:def:def:def:def
00:30	01:00	0.5	SURVEY @ 4000' – 1.87 DEG.
01:00	06:00	5.0	DRILL 4083' -4586'. WOB 17K, RPM 62/65, SPP 1375 PSI, DP 300 PSI, ROP 100.5 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – MAKING CONNECTION.

 $\mbox{MW}-10$ PPG, VIS - 33 SPQ.

BOILER 8HR, FORK LIFT 3HR.

FUEL - 2750, USED - 1850.

01-15-2010	Re	eported By	K	EITH KAROW							
DailyCosts: D	rilling	\$45,4	468	Cor	npletion	\$0		Daily	Total	\$45,468	
Cum Costs: D	rilling	\$493	,509	Cor	npletion	\$0		Well	Total	\$493,509	
MD	5,688	TVD	5,688	Progress	1,102	Days	3	MW	10.0	Visc	33.0
Formation:			PBTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 5688'

Start	End	Hrs	Activity Description
06:00	10:30	4.5	DRILL 4586' – 4871. WOB 17K, RPM 60, SPP 1700 PSI, DP 300 PSI, ROP 63.5 FPH.
10:30	11:00	0.5	SERVICE RIG.
11:00	14:00	3.0	DRILL 4871' –5060'. WOB 17K, RPM 60, SPP 1700 PSI, DP 300 PSI, ROP 63.5 FPH.
14:00	14:30	0.5	SURVEY @ 5000' – 1.00 DEG.
14:30	06:00	15.5	DRILL 5060' – 5688' WOB 19K, RPM 60, SPP 2100 PSI, DP 300 PSI, ROP 40.5 FPH.
			FULL CREWS, NO ACCIDENTS.
			SAFETY MEETINGS – DRIVING.
			MW – 11 PPG, VIS – 34 SPQ.

Well Name: CWU 1146–18 Field: CHAPITA DEEP Property: 057847

FUEL -4200 ADDED 4900 ON HAND, USED - 2050.

		FUEL	4200 A	DDED 4900 O	N HAND, U	SED – 2050.					
01-16-201	l0 Re	eported By	K	EITH KAROW							
DailyCosts	s: Drilling	\$53,072	!	Con	mpletion	\$0		Dail	y Total	\$53,072	
Cum Costs	s: Drilling	\$546,58	32	Con	mpletion	\$0		Well	Total	\$546,582	
MD	6,379	TVD	6,379	Progress	691	Days	4	MW	11.2	Visc	35.0
Formation	ı:	F	PBTD : 0	.0		Perf:			PKR Dep	pth: 0.0	
Activity at	Report Ti	me: DRILLING	6 @ 6379°								
Start	End	Hrs Activ	vity Desc	ription							
06:00	14:00	8.0 DRIL	L 5688' –	5874' WOB 19	9K, RPM 55	, SPP 2100 PS	SI, DP 300 P	SI, ROP 23.5	FPH.		
14:00	14:30	0.5 SERV	ICE RIG								
14:30	05:30			6379' WOB 19	9K, RPM 55	, SPP 2100 PS	SI, DP 300 P	SI, ROP 33.7	FPH.		
05:30	06:00	0.5 SURV	/EY @ 63	00'							
		FIII	CREWS	, NO ACCIDEN	NTS						
				ΓINGS – HOU		G					
				G, VIS – 34 SP							
		FUEL	2000 A	DDED 4900 O	N HAND, U	SED – 2450.					
01-17-201	10 Re	eported By	K	EITH KAROW	r						
DailyCosts	s: Drilling	\$26,496	j	Cor	mpletion	\$0		Dail	y Total	\$26,496	
Cum Costs	s: Drilling	\$573,07	' 8	Cor	mpletion	\$0		Well	Total	\$573,078	
MD	7,080	TVD	7,080	Progress	701	Days	5	MW	11.4	Visc	37.0
Formation	ı:	F	PBTD : 0	.0		Perf:			PKR De _l	oth: 0.0	
Activity at	Report Ti	me: DRILLING	6 @ 7080°								
Activity at Start	Report Ti		3 @ 7080' vity Desc	ription							
_	_	Hrs Activ	vity Desc	ription 6626' WOB 19	K, RPM 55,	SPP 2100 PS	I, DP 300 PS	SI, ROP 30.9	FPH.		
Start	End	Hrs Activ	v ity Desc L 6379' –	=	K, RPM 55,	SPP 2100 PS	I, DP 300 PS	SI, ROP 30.9	FРН.		
Start 06:00	End 14:00	Hrs Activ 8.0 DRIL 0.5 SERV	v ity Desc L 6379' – VICE RIG	=							
Start 06:00 14:00	End 14:00 14:30	8.0 DRIL 0.5 SERV 15.5 DRIL	vity Desc .L 6379' – VICE RIG .L 6626' –	7080' WOB 19	9K, RPM 55						
Start 06:00 14:00	End 14:00 14:30	8.0 DRILL 0.5 SERV 15.5 DRILL FULL	vity Desc L 6379' – VICE RIG L 6626' –	6626' WOB 19 7080' WOB 19	9K, RPM 55 NTS.	, SPP 2100 PS					
Start 06:00 14:00	End 14:00 14:30	8.0 DRIL 0.5 SERV 15.5 DRIL FULL SAFE	vity Desc L 6379' – VICE RIG L 6626' – L CREWS	6626' WOB 19 7080' WOB 19 , NO ACCIDEN	9K, RPM 55 NTS. NGING TO	, SPP 2100 PS					
Start 06:00 14:00	End 14:00 14:30	8.0 DRILL 0.5 SERV 15.5 DRILL SAFE MW	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE – 11.5 PPC	6626' WOB 19 7080' WOB 19	9K, RPM 55 NTS. NGING TO Q.	, SPP 2100 P: NG DIES.					
Start 06:00 14:00 14:30	End 14:00 14:30 06:00	8.0 DRIL 0.5 SERV 15.5 DRIL FULL SAFE MW - FUEL	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPC L –0 ADD	7080' WOB 19 7080' WOB 19 , NO ACCIDEN TINGS – CHA G, VIS – 36 SP	9K, RPM 55 NTS. NGING TO Q. IAND, USE	, SPP 2100 P: NG DIES.					
Start 06:00 14:00 14:30	End 14:00 14:30 06:00	8.0 DRILL 0.5 SERV 15.5 DRILL SAFE MW FULL SPORTED BY	vity Desc L 6379' – VICE RIG L 6626' – CREWS ETY MEE' – 11.5 PPO L –0 ADD	7080' WOB 19 7080' WOB 19 , NO ACCIDEN FINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW	9K, RPM 55 NTS. NGING TO Q. IAND, USE	, SPP 2100 PS NG DIES. D – 2724		SI, ROP 45.2	2 FPH.	\$39.311	
Start 06:00 14:00 14:30 01-18-201 DailyCosts	End 14:00 14:30 06:00 10 Resc. Drilling	8.0 DRIL 0.5 SERV 15.5 DRIL FULL SAFE MW - FUEL	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPC L –0 ADD	7080' WOB 19 7080' WOB 19 , NO ACCIDEN TINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW	PK, RPM 55 NTS. NGING TO Q. IAND, USE	, SPP 2100 P: NG DIES.		SI, ROP 45.2 Dail	y Total	\$39,311 \$612,390	
06:00 14:00 14:30 01-18-201 DailyCosts Cum Costs	End 14:00 14:30 06:00 10 Ref 8: Drilling 8: Drilling	8.0 DRIL 0.5 SERV 15.5 DRIL FULL SAFE MW FUEL Ported By \$39,311 \$612,39	vity Desc L 6379' – VICE RIG L 6626' – CREWS ETY MEE' – 11.5 PPO L –0 ADD: KI	7080' WOB 19 7080' WOB 19 5, NO ACCIDEN FINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW Con	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion	\$0 \$0	SI, DP 300 P	SI, ROP 45.2 Dail Well	y Total Total	\$612,390	38.0
06:00 14:00 14:30 01–18–201 DailyCosts Cum Costs	End 14:00 14:30 06:00 10 Resc: Drilling 7,875	### Active 8.0 DRILL 0.5 SERV 15.5 DRILL FULL SAFE MW FUEL Eported By \$39,311 \$612,39	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE – 11.5 PPO L –0 ADD KI	7080' WOB 19	PK, RPM 55 NTS. NGING TO Q. IAND, USE	\$0 Days		SI, ROP 45.2 Dail	y Total Total	\$612,390 Visc	38.0
06:00 14:00 14:30 01-18-201 DailyCosts Cum Costs MD Formation	End 14:00 14:30 06:00 Res: Drilling 7,875	8.0 DRIL 0.5 SERV 15.5 DRIL FULL SAFE MW FUEL Ported By \$39,311 \$612,39	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPO KI 00 7,875 PBTD: 0	7080' WOB 19	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion	\$0 \$0	SI, DP 300 P	SI, ROP 45.2 Dail Well	y Total Total	\$612,390 Visc	38.0
O1-18-201 DailyCosts Cum Costs MD Formation Activity at	End 14:00 14:30 06:00 10 Re s: Drilling 7,875 1: Report Tin	8.0 DRIL 0.5 SERV 15.5 DRIL FULI SAFE MW FUEL Poorted By \$39,311 \$612,39 TVD Fue: DRILLING	VITY Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPC L –0 ADD: KI 00 7,875 PBTD: 0	7080' WOB 19 FINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW Coi Progress .0	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion	\$0 Days	SI, DP 300 P	SI, ROP 45.2 Dail Well	y Total Total	\$612,390 Visc	38.0
O1-18-201 DailyCosts Cum Costs MD Formation Activity at	End 14:00 14:30 06:00 10 Ress: Drilling 7,875 1: Report Title End	8.0 DRILL 0.5 SERV 15.5 DRIL FULL SAFE MW FUEL Ported By \$39,311 \$612,39 TVD Her: DRILLING Hrs Activ	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPO KI OO 7,875 PBTD: 0 G @ 7875' vity Desc	7080' WOB 19 7080' WOB 19 7080' WOB 19 , NO ACCIDENTINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW Con Progress .0 ription	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion 795	\$0 \$0 Days Perf :	SI, DP 300 P	Daily Well MW	y Total Total 11.4 PKR Dep	\$612,390 Visc	38.0
O1-18-201 DailyCosts Cum Costs MD Formation Activity at	End 14:00 14:30 06:00 10 Re s: Drilling 7,875 1: Report Tin	8.0 DRILL 0.5 SERV 15.5 DRIL FULL SAFE MW FUEL Ported By \$39,311 \$612,39 TVD Her: DRILLING Hrs Activ	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPC L –0 ADD KI 00 7,875 PBTD: 0 G @ 7875' vity Desc L 7080' –	7080' WOB 19 FINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW Coi Progress .0	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion 795	\$0 \$0 Days Perf :	SI, DP 300 P	Daily Well MW	y Total Total 11.4 PKR Dep	\$612,390 Visc	38.0
Start 06:00 14:00 14:30 01–18–201 DailyCosts Cum Costs MD Formation Activity at Start 06:00	End 14:00 14:30 06:00 10 Res: Drilling 7,875 1: Report Tin End 13:30	8.0 DRILL 0.5 SERV 15.5 DRILL SAFE MW FUEL Sported By \$39,311 \$612,39 TVD Here: DRILLING Hrs Activ 7.5 DRILL 0.5 SERV	vity Desc L 6379' – VICE RIG L 6626' – L CREWS ETY MEE' – 11.5 PPO L –0 ADD: VICE RIG VICE RIG	7080' WOB 19 7080' WOB 19 7080' WOB 19 , NO ACCIDENTINGS – CHA G, VIS – 36 SP ED 2176 ON H EITH KAROW Con Progress .0 ription	9K, RPM 55 NTS. NGING TO Q. IAND, USE mpletion mpletion 795	\$0 \$0 Days Perf :	6 SI, DP 300 P	Dail; Well MW	y Total Total 11.4 PKR Dep	\$612,390 Visc	38.0

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – SETTING COM.

MW - 11.5 PPG, VIS - 36 SPQ.

 $FUEL-4500\,ADDED\,4650\,ON\,HAND,\,USED-2026$

01-19-2010	R	eported By	K	EITH KAROW							
DailyCosts: Drilling \$22,980		980	Completion \$0				Daily Total				
Cum Costs: Drilling \$635,370		,370	Completion \$0			Well Total			\$635,370		
MD 8,	490	TVD	8,490	Progress	615	Days	7	MW	11.7	Visc	38.0
Formation: PBTD			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	
Activity at Ren	me• DRII I I	,									

Activity at Report Time: DRILLING @ 8490'

Start	End	Hrs	Activity Description
06:00	15:00	9.0	${\tt DRILL~7875'-8093'WOB~19K, RPM~55, SPP~2100~PSI, DP~300~PSI, ROP~24.2~FPH.}$
15:00	15:30	0.5	SERVICE RIG
15:30	06:00	14.5	DRILL 8093' – 8490' WOB 19K, RPM 55, SPP 2100 PSI, DP 300 PSI, ROP 27.4 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – LAST DAY ON TOUR.

MW - 11.7 PPG, VIS - 38 SPQ.

FUEL - 00 ADDED 4650 ON HAND, USED - 2000

01-20-2010 Reported By			I	KEITH KAROW							
DailyCosts: Drilling \$53,551		551	Completion \$0				Daily Total				
Cum Costs: Drilling \$683,892		,892	Completion \$0				Well Total				
MD	8,657	TVD	8,657	Progress	167	Days	8	MW	11.7	Visc	37.0
Formation: PBTD		PBTD:	0.0		Perf:			PKR Dep	oth: 0.0		

Activity at Report Time: DRILLING @ 8657'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL 8490' – 8596' WOB 19K, RPM 55, SPP 2100 PSI, DP 300 PSI, ROP 15.2 FPH.
13:00	14:00	1.0	MIX & PUMP PILL.
14:00	18:00	4.0	DROP TOTCO, POOH FOR BIT #1, L/D REAMERS & CHANGE OUT MOTOR, SURVEY @ 2.18 DEG.
18:00	19:30	1.5	PU MOTOR & BIT.
19:30	02:30	7.0	TIH FILL PIPE @ 4000' & 7500'.
02:30	03:00	0.5	WASH/REAM 60' TO BOTTOM.
03:00	06:00	3.0	DRILL 8596' – 8657' WOB 19K, RPM 55, SPP 2100 PSI, DP 300 PSI, ROP 15.2 FPH.

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - TRIPPING PIPE.

MW - 11.7 PPG, VIS - 38 SPQ.

FUEL - 5438 ON HAND, USED- 1412

01-21-2010	Re	eported By	K	EITH KAROW							
DailyCosts: I	Prilling	\$35,9	14	Com	pletion	\$0		Daily	Total	\$35,914	
Cum Costs: Drilling \$719,807		807	Com	pletion	\$0		Well '	Total	\$719,807		
MD	9,400	TVD	9,400	Progress	804	Days	9	MW	11.7	Visc	38.0

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: CIRCULATE FOR SHORT TRIP End Start **Activity Description** 06:00 14:00 8.0 DRILL 8596' - 8657' WOB 19K, RPM 55, SPP 2100 PSI, DP 300 PSI, ROP 15.2 FPH. 14:00 14:30 0.5 SERVICE RIG 15.0 DRILL 8657' - 9400' WOB 19K, RPM 55, SPP 2100 PSI, DP 300 PSI, ROP 47 FPH. REACHED TD @ 05:30 HRS, 14:30 05:30 1/21/2010. 0.5 CIRCULATE AND CONDITION MUD FOR SHORT TRIP. 05:30 06:00 FULL CREWS, NO ACCIDENTS. SAFETY MEETINGS - TRIPPING PIPE. MW - 11.7 PPG, VIS - 38 SPQ. FUEL - 3390 ON HAND, USED- 2048. 01-22-2010 Reported By KEITH KAROW **Daily Total** DailyCosts: Drilling \$32,419 \$0 \$32,419 Completion **Cum Costs: Drilling** \$752,227 Completion \$0 Well Total \$752,227 9,400 9,400 0 10 MW0.0 0.0 MD **TVD Progress** Days Visc **Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RUNNING 4-1/2" CSG Start End Hrs **Activity Description** 07:30 1.5 CIRCULATE AND CONDITION MUD FOR SHORT TRIP. 06:00 07:30 10:30 3.0 WIPER TRIP/SHORT TRIP TO SURFACE CSG SHOE. 3.5 TIH, FILL HOLE. 10:30 14:00 2.0 HSM. CIRCULATE OUT GAS, CIRCULATE AND CONDITION MUD. BUILD AND PUMP PILL. DROP SURVEY. 14:00 16:00 01:00 9.0 HSM W/WEATHERFORD TRS. R/U CASERS AND L/D DP, BHA. REMOVE WEAR BUSHING. 16:00 RECOVER SURVEY, 1.04 DEG @ TD. 01:00 06:00 5.0 HSM. WITH CREWS TO RU & RUN 4 1/2", 11.6#, P-110, LT&C CSG AS FOLLOWS - FLOAT SHOE, 1 JT CSG, FLOAT COLLAR, 54 JTS CSG, MJ @, 64 JTS CSG, MJ, 32 JTS CSG (150 JTS TOTAL - 6400'). FULL CREWS, NO ACCIDENTS. SAFETY MEETINGS - HAND SIGNALS. MW - 11.7 PPG, VIS - 38 SPQ. FUEL - 5140 ON HAND, USED- 1200. KEITH KAROW 01-23-2010 Reported By DailyCosts: Drilling \$34,746 Completion \$130,200 **Daily Total** \$164,947 \$130,200 **Cum Costs: Drilling** \$786,974 **Well Total** \$917,174 Completion MD 9,400 **TVD** MW0.0 0.0 9,400 **Progress Davs** Visc Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start **Activity Description** End Hrs

06:00	09:00	CSG	, FLOAT C	OLLAR @ 93	43', 53 JTS	", 11.6#, P–110, CSG, MJ @ 708 R, LAND MCH	6', 64 JT	S CSG, MJ @	2 4377', 103J'	TS CSG (221 TC	OTAL),
09:00	11:00	2.0 HSN	1. CIRCUL	ATE AND CO	NDITION N	MUD FOR CEMI	ENT. AFI	TER BOTTO	MS UP, R/D V	WEATHERFOR!	D TRS.
11:00	14:00	PLU CEM (347 POL LAS	G, PUMP 2 MENT @ 12 BBLS, 194 Y-E-FLAI T 5 - 7 BB	20 BBLS MUD 2.5 PPG, 1.62 Y 48 CU/FT) TAI KE. WASH UP LS WHILE PU	FLUSH, M LD, H2O 8 L EXTEND TO RIG TA IMPING 3E	TEST LINES TO MIX AND PUMB .22 GAL/SK + 4 DACEM CEMEN ANK, DROP TOI BBLS/MIN. MA LLIBURTON. B	P 535 SX % BENT T @ 13.5 P PLUG A X PRESS	(155 BBLS, 3 ONITE + .3% PPG, 1.47 Y AND DISPLA URE 2680 P	867 CU/FT) L 6 VERSASET LD, H2O 6.96 ACE W/145 B SI, BUMPED	EAD HIGHBO! CMIX AND PUI GAL/SK + .12 BLS. LOST RET PLUG TO 3620	ND 75 MP 1325 SX 5 LBM TURNS
14:00	18:00	4.0 PAC	K OFF AN	D TEST CASII	NG HEAD.						
18:00	20:30	2.5 NDI	BOP, CLEA	N MUD TANK	S W/ HYR	OVAC.					
		FUL	L CREWS.	, NO ACCIDEN	NTS.						
		SAF	ETY MEE	ΓING. CEMEN	TING						
		FUE	L – 4050 C	ON HAND, US	ED- 1100.						
20:30	06:00		,	CWU 1146–18 EANING MUD		-11. 0% OF RIC	G @ NEW	LOCATION	N MILAGE 2.:	5 MI.	
		FUL	L CREWS.	, NO ACCIDEN	NTS.						
		SAF	ETY MEE	- ΓINGS – RIG I	MOVE.						
		MW	– 11.7 PPC	G, VIS – 38 SP	Q.						
		FUE	L - 4150								
06:00				D @ 20:30 HR T COST \$775,							
01-31-20	10 R	eported By	HI	ISLOP							
DailyCos	ts: Drilling	\$0		Con	mpletion	\$10,783		Dail	y Total	\$10,783	
Cum Cos	ts: Drilling	\$786,9	74	Con	mpletion	\$140,983		Well	l Total	\$927,957	
MD	9,400	TVD	9,400	Progress	0	Days	12	MW	0.0	Visc	0.0
Formatio	n:		PBTD : 0	.0		Perf:			PKR De	pth : 0.0	
Activity a	t Report Ti	me: LD TBG									
Start	End	Hrs Act	ivity Desc	ription							
06:00	06:00	TO 9	9097'. DRII		PER PLUC	RAG BIT AND 7 3 @ 9098' & SOI . SDFN.					
02-02-20	10 R	eported By	HI	ISLOP							
DailyCos	ts: Drilling	\$0		Con	mpletion	\$30,578		Dail	y Total	\$30,578	
Cum Cos	ts: Drilling	\$786,9	74	Con	mpletion	\$171,561		Well	l Total	\$958,535	
MD	9,400	TVD	9,400	Progress	0	Days	13	MW	0.0	Visc	0.0
Formatio	n:		PBTD : 0	.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: RUWL									
Start	End	Hrs Act	ivity Desc	ription							

02-05-2010 Reported By MCCURDY

Daily Costs: Drilling\$0Completion\$2,168Daily Total\$2,168Cum Costs: Drilling\$786,974Completion\$173,729Well Total\$960,703

MD 9,400 **TVD** 9,400 **Progress** 0 **Days** 14 **MW** 0.0 **Visc** 0.0

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: WO COMPLETION

Start End Hrs Activity Description

06:00 06:00 24.0 NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION.

02-09-2010 MCCURDY Reported By DailyCosts: Drilling Completion \$1,981 **Daily Total** \$1,981 **Cum Costs: Drilling** \$786,974 Completion \$175,710 Well Total \$962,684 MWMD 9,400 TVD 9,400 15 0.0 Visc 0.0 **Progress Days PBTD**: 0.0 PKR Depth: 0.0 **Formation:** MESAVERDE Perf: 8085'-9156'

Activity at Report Time: FRAC

Start End Hrs Activity Description

DOWN CASING W/110 GAL K–87 MICROBIOCIDE, 7727 GAL 16# LINEAR W/9800# 20/40 SAND @ 1–1.5 PPG, 33434 GAL 16# DELTA 200 W/116700# 20/40 SAND @ 2–5 PPG. PUMPED SCALECHEK HT @ 1.1 LB/1000 LB PROP. MTP 7480 PSIG. MTR 50.8 BPM. ATP 4632 PSIG. ATR 50.6 BPM. ISIP 3185 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8860'. PERFORATE MPR/LPR FROM 8631'–32', 8640'–41', 8656'–57', 8682'–83', 8715'–16', 8732'–33', 8738'–39', 8753'–54', 8786'–87', 8796'–97', 8836'–37', 8840'–41' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/110 GAL K–87 MICROBIOCIDE, 7339 GAL 16# LINEAR W/9400# 20/40 SAND @ 1–1.5 PPG, 50077 GAL 16# DELTA 200 W/172000# 20/40 SAND @ 2–5 PPG. PUMPED SCALECHEK HT @ 1.1 LB/1000 LB PROP. MTP 57145 PSIG. MTR 51.2 BPM. ATP 4376 PSIG. ATR 47.7 BPM. ISIP 3751 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8580'. PERFORATE MPR FROM 8401'-02', 8413'-14', 8424'-25', 8429'-30', 8449'-50', 8477'-78', 8486'-88', 8499'-500', 8524'-25', 8545'-46', 8557'-58' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/110 GAL K-87 MICROBIOCIDE, 7327 GAL 16# LINEAR W/9400# 20/40 SAND @ 1–1.5 PPG, 44106 GAL 16# DELTA 200 W/150200# 20/40 SAND @ 2–4 PPG. PUMPED SCALECHEK HT @ 1.1 LB/1000 LB PROP. MTP 7327 PSIG. MTR 50.7 BPM. ATP 5249 PSIG. ATR 48.7 BPM. ISIP 4298 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8380'. PERFORATE MPR FROM 8255'-57', 8264'-66', 8310'-12', 8314'-16', 8344'-46', 8362'-64' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/110 GAL K-87 MICROBIOCIDE, 7361 GAL 16# LINEAR W/9400# 20/40 SAND @ 1-1.5 PPG, 25451 GAL 16# DELTA 200 W/76900# 20/40 SAND @ 2-4 PPG. PUMPED SCALECHEK HT @ 1.1 LB/1000 LB PROP. MTP 7233 PSIG. MTR 50.8 BPM. ATP 5669 PSIG. ATR 49.9 BPM. ISIP 3044 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8212'. PERFORATE MPR FROM 8085'-86', 8089'-90', 8106'-07', 8115'-16', 8124'-25', 8130'-31', 8136'-37', 8151'-52', 8162'-63', 8175'-76', 8183'-84', 8192'-93' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/110 GAL K-87 MICROBIOCIDE, 7332 GAL 16# LINEAR W/9400# 20/40 SAND @ 1-1.5 PPG, 45595 GAL 16# DELTA 200 W/158900# 20/40 SAND @ 2-5 PPG. PUMPED SCALECHEK HT @ 1.1 LB/1000 LB PROP. MTP 6517 PSIG. MTR 51 BPM. ATP 4305 PSIG. ATR 50.4 BPM. ISIP 2277 PSIG. RD HALLIBURTON. SDFN.

02–10–2010 Reported By MCCURDY

Daily Costs: Drilling\$0Completion\$347,513Daily Total\$347,513Cum Costs: Drilling\$786,974Completion\$523,224Well Total\$1,310,198

MD 9,400 **TVD** 9,400 **Progress** 0 **Days** 16 **MW** 0.0 **Visc** 0.0

Formation: MESAVERDE PBTD: 0.0 Perf: 7153'-9156' PKR Depth: 0.0

Activity at Report Time: MIRUSU CLEAN OUT SAND AND DRILL OUT FRAC PLUGS

Start End Hrs Activity Description

06:00 06:00

24.0 INTIAL 1671 PSIG. RUWL. SET 6K CFP AT 8060'. PERFORATE UPR/MPR FROM 7860'-61', 7865'-66', 7874'-75', 7906'-07', 7924'-25', 7948'-49', 7968'-69', 7976'-77', 7981'-82', 8017'-18', 8031'-32', 8043'-44'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/110 GAL K-87 MICROBIOCIDE, 9756 GAL 16# LINEAR W/12000# 20/40 SAND @ 1-1.5 PPG, 45047 GAL 16# DELTA 200 W/155300# 20/40 SAND @ 2-5 PPG. PUMPED SCALECHEK HT @ 1.1 LB/1000 LB PROP. MTP 4680 PSIG. MTR 50.8 BPM. ATP 3979 PSIG. ATR 50.2 BPM. ISIP 2560 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7805'. PERFORATE UPR FROM 7531'-32', 7545'-46', 7556'-57', 7573'-74', 7588'-89', 7605'-06', 7683'-84', 7696'-97', 7714'-15', 7724'-25', 7772'-73', 7785'-86'@ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/110 GAL K-87 MICROBIOCIDE, 7380 GAL 16# LINEAR W/9300# 20/40 SAND @ 1-1.5 PPG, 44739 GAL 16# DELTA 200 W/157100# 20/40 SAND @ 2-5 PPG. PUMPED SCALECHEK HT @ 1.1 LB/1000 LB PROP. MTP 6393 PSIG. MTR 50.9 BPM. ATP 4143 PSIG. ATR 49.3 BPM. ISIP 2390 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7470'. PERFORATE UPR FROM 7153'–54', 7165'–66', 7181'–82', 7213'–14', 7225'–26', 7234'–35', 7248'–49', 7268'–69', 7309'–10', 7363'–64', 7386'–87', 7451'–52' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/110 GAL K–87 MICROBIOCIDE, 7321 GAL 16# LINEAR W/9400# 20/40 SAND @ 1–1.5 PPG, 39396 GAL 16# DELTA 200 W/137000# 20/40 SAND @ 2–5 PPG. PUMPED SCALECHEK HT @ 1.1 LB/1000 LB PROP. MTP 6740 PSIG. MTR 50.9 BPM. ATP 3999 PSIG. ATR 49.7 BPM. ISIP 2080 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 7069'. BLED WELL TO 0 PSIG. RDMO CUTTERS WIRELINE & HALIBURTON SERVICES. SWIFN.

02-12-2010 Reported By				HISLOP							
DailyCosts: I	Orilling	\$0		Co	mpletion	\$20,741		Daily	Total	\$20,741	
Cum Costs: 1	Orilling	\$73	86,974	Co	mpletion	\$543,965		Well '	Total	\$1,330,939	
MD	9,400	TVD	9,400	Progress	0	Days	17	MW	0.0	Visc	0.0
Formation: MESAVERDE PRTD			PBTD:	9344.0		Perf: 7153'-	9156'		PKR Der	th: 0.0	

Activity at Report Time: CLEAN OUT AFTER FRAC

Start End Hrs Activity Description

06:00 06:00 24.0 MIRUSU. ND FRAC TREE. NU BOP. RIH W/ BIT & PUMP OFF SUB TO 7069'. RU TO DRILL OUT PLUGS. SDFN.

02-13-2010 Reported By				SLOP							
DailyCosts: Drilling \$0				Com	pletion	\$61,036		Daily	Total	\$61,036	
Cum Costs: Drilling \$786,		,974	Com	pletion	\$605,001		Well	Fotal	\$1,391,975		
MD 9	9,400	TVD	9,400	Progress	0	Days	18	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD			PBTD : 9	344.0		Perf : 7153'-	9156'		PKR Dep	oth: 0.0	

Activity at Report Time: FLOW TEST

Start End Hrs Activity Description

06:00 06:00 24.0 SICP 0 PSIG. CLEANED

24.0 SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 7069', 7470', 7805', 8060', 8212', 8380', 8580', & 8860'. CLEANED OUT TO 9260'. LANDED TUBING @ 7821' KB. ND BOP & NU TREE. PUMPED OFF BIT & SUB. RDMOSU.

FLOWED 15 HRS. 24/64" CHOKE. FTP 1100 PSIG. CP 1750 PSIG. 86 BFPH. RECOVERED 1275 BLW. 9225 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF BIT SUB .91'

1 JT 2-3/8" 4.7# N-80 TBG [YB] 31.54'

XN NIPPLE 1.30'

238 JTS 2-3/8" 4.7# N-80 TBG [YB] 7771.04'

BELOW KB 16.00'

LANDED @ 7820.79' KB

02-14-2010	Reported By	HISLOP/DUANE COOK
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DailyCosts: Drilling Cum Costs: Drilling		\$0		Com	Completion \$2,683			Daily '	Total	\$2,683	
		\$786	\$786,974		Completion			Well T	otal	\$1,394,658	
MD	9,400	TVD	9,400	Progress	0	Davs	19	MW	0.0	Visc	0.0

Formation: MESAVERDE **PBTD**: 9344.0 **Perf:** 7153'-9156' PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALES

Start End **Activity Description** Hrs

24.0 INITIAL PRODUCTION. OPENING PRESSURE: TP 1250 PSIG & CP 1600 PSIG. TURNED WELL OVER TO 06:00 06:00

QUESTAR SALES AT 09:45 AM, 2/13/10. FLOWED 874 MCFD RATE ON 24/64" POS CHOKE. STATIC 192.

QUESTAR METER #008395.

FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 1200 PSIG. CP 1700 PSIG. 59 BFPH.

RECOVERED 1503 BLW. 7722 BLWTR. 841 MCFD RATE.

02-15-2010	Reported By	HISLOP
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DailyCosts: Drilling		\$0	\$0		Completion \$2,683			Daily	Total	\$2,683	
Cum Costs: Drilling		\$786	,974	Completion		\$610,367		Well T	Total	\$1,397,341	
MD	9,400	TVD	9,400	Progress	0	Days	20	MW	0.0	Visc	0.0

Formation: MESAVERDE **PBTD**: 9344.0 **Perf:** 7153'-9156' PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALE

Start End Hrs **Activity Description**

06:00 06:00 24.0 FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 1200 PSIG. CP 1750 PSIG. 50 BFPH.

RECOVERED 1326 BLW. 6396 BLWTR. 1028 MCFD RATE.

FLOWED 930 MCF, 80 BC & 1420 BW IN 24 HRS ON 24/64" CHOKE. TP 1150 PSIG, CP 1700 PSIG.

Formation: ME	SAVERDE	PBTD	: 9344.0		Perf : 7153'-	9156'		PKR Der	oth: 0.0	
MD 9,4	100 TV	D 9,40	0 Progres	os 0	Days	21	MW	0.0	Visc	0.0
Cum Costs: Dri	ling	\$786,974		Completion	\$622,440		Well 7	Total	\$1,409,414	
DailyCosts: Dril	ling	\$0		Completion	\$12,073		Daily	Total	\$12,073	
02-16-2010	Report	ed By	HISLOP							

Activity at Report Time: FLOW TEST TO SALES

Start End Hrs **Activity Description**

24.0 FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 1150 PSIG. CP 1950 PSIG. 45 BFPH. 06:00 06:00

RECOVERED 1152 BLW. 5244 BLWTR. 1203 MCFD RATE.

FLOWED 1164 MCF, 120 BC & 1326 BW IN 24 HRS ON 24/64" CHOKE. TP 1125 PSIG, CP 1800 PSIG.

02-17-2010 Reported By HISLOP

DailyCosts	: Drilling	\$0		Con	pletion	\$3,813		Daily	Total	\$3,813	
Cum Costs	: Drilling	\$78	36,974	Con	pletion	\$626,253		Well	Total	\$1,413,227	
MD	9,400	TVD	9,400	Progress	0	Days	22	MW	0.0	Visc	0.0
Formation	: MESAVE	ERDE	PBTD : 9	344.0		Perf : 7153'-	9156'		PKR Dep	oth: 0.0	
Activity at	Report Ti	me: FLOW	TEST TO SA	LES							

Start End Hrs Activity Description

06:00 06:00 24.0 FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 1050 PSIG. CP 2100 PSIG. 39 BFPH.

RECOVERED 1014 BLW. 4230 BLWTR. 1267 MCFD RATE.

FLOWED 1319 MCF, 130 BC & 1152 BW IN 24 HRS ON 24/64" CHOKE. TP 1075 PSIG, CP 1950 PSIG.

02-18-20	10 R	eported	By H	HISLOP							
DailyCost	ts: Drilling	:	\$0		Completion	\$2,943		Daily 7	Fotal	\$2,943	
Cum Cos	ts: Drilling	:	\$786,974		Completion	\$629,196		Well T	otal	\$1,416,170	
MD	9,400	TVD	9,400	Progre	ss 0	Days	23	MW	0.0	Visc	0.0
Formatio	n: MESAVE	ERDE	PBTD:	9344.0		Perf : 7153'-	-9156'		PKR Dep	oth: 0.0	
Activity a	t Report Ti	ime: FLO	OW TEST TO SA	ALES							
Start	End	Hrs	Activity Des	cription							
06:00	06:00	24.0			ST UNIT TO SA			HOKE. FTP 100	00 PSIG. CP	2000 PSIG. 32 I	BFPH.

FLOWED 1393 MCF, 88 BC & 1014 BW IN 24 HRS ON 24/64" CHOKE. TP 1000 PSIG, CP 2000 PSIG.

02-19-201	0 Re	eported By	HIS	SLOP							
DailyCosts	: Drilling	\$0		Con	pletion	\$2,683		Daily	Total	\$2,683	
Cum Costs	: Drilling	\$786,9	74	Con	pletion	\$631,879		Well T	Total	\$1,418,853	
MD	9,400	TVD	9,400	Progress	0	Days	24	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE]	PBTD : 93	344.0		Perf : 7153'-	-9156'		PKR Dej	pth: 0.0	
Activity at	Report Ti	me: FLOW TE	STING TH	ROUGH BREC	O UNIT T	O SALES					
Start	End	Hrs Acti	vity Desci	ription							
06:00	06:00					ALES. 24 HRS. 1 230 MCFD RAT		HOKE. FTP 85	0 PSIG. CP	1850 PSIG. 25 I	BFPH.

FLOWED 1375 MCF, 59 BC & 849 BW IN 24 HRS ON 24/64" CHOKE. TP 900 PSIG, CP 1950 PSIG.

02-20-20	10 Re	eported By	Н	ISLOP							
DailyCost	ts: Drilling	\$0		Con	npletion	\$8,068		Daily	Total	\$8,068	
Cum Cos	ts: Drilling	\$786,	974	Con	npletion	\$639,947		Well 7	Total	\$1,426,921	
MD	9,400	TVD	9,400	Progress	0	Days	25	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	PBTD : 9	344.0		Perf : 7153'-	-9156'		PKR De _l	oth: 0.0	
Activity a	t Report Ti	me: FLOW T	EST TO SA	LES							
Start	End	Hrs Ac	tivity Desc	ription							
06:00	06:00					ALES. 24 HRS. 2 181 MCFD RAT		HOKE. FTP 85	0 PSIG. CP	1650 PSIG. 23 I	BFPH.

FLOWED 1335 MCF, 175 BC & 714 BW IN 24 HRS ON 24/64" CHOKE. TP 850 PSIG, CP 1650 PSIG.

02-21-20	10 R	eported	Ву Н	ISLOP							
DailyCost	s: Drilling	\$	60	Co	mpletion	\$2,683		Daily	Total	\$2,683	
Cum Cost	ts: Drilling	\$	5786,974	Co	mpletion	\$642,630		Well	Total	\$1,429,604	
MD	9,400	TVD	9,400	Progress	0	Days	26	MW	0.0	Visc	0.0
Formation	n: MESAVE	RDE	PBTD : 9	344.0		Perf : 7153'-	9156'		PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: FLC	OW TEST TO SA	LES							
Start	End	Hrs	Activity Desc	ription							
06:00	06:00	24.0	FLOWED THR	OUGH TEST	UNIT TO SA	ALES, 24 HRS, 2	24/64" CH	IOKE. FTP 80	00 PSIG. CP 1	600 PSIG. 18 BI	FPH.

RECOVERED 474 BLW. 1603 BLWTR. 1127 MCFD RATE.

FLOWED 1291 MCF, 20 BC & 460 BW IN 24 HRS ON 24/64" CHOKE. TP 750 PSIG, CP 1550 PSIG.

02-22-20	10 R	eported	Ву Н	ISLOP							
DailyCost	ts: Drilling	9	60	Co	mpletion	\$2,683		Daily '	Total	\$2,683	
Cum Cost	ts: Drilling	5	5786,974	Co	ompletion	\$645,313		Well T	Total	\$1,432,287	
MD	9,400	TVD	9,400	Progress	0	Days	27	MW	0.0	Visc	0.0
Formation	n: MESAVE	ERDE	PBTD : 9	344.0		Perf : 7153'-	-9156'		PKR De _l	pth: 0.0	
Activity a	t Report Ti	me: ON	SALES								
Start	End	Hrs	Activity Desc	ription							
06:00	06:00	24.0	FLOWED THR			ALES. 24 HRS. 2					BFPH.

FLOWED 1234 MCF, 165 BC & 474 BW IN 24 HRS ON 24/64" CHOKE. TP 750 PSIG, CP 1500 PSIG.

02-23-20)10 Re	eported By	RO	OGER DART							
DailyCost	ts: Drilling	\$0		C	ompletion	\$0		Daily '	Total	\$0	
Cum Cos	ts: Drilling	\$786.	,974	C	ompletion	\$645,313		Well T	otal	\$1,432,287	
MD	9,400	TVD	9,400	Progress	0	Days	28	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	PBTD : 9	344.0		Perf : 7153'-	-9156'		PKR De _l	pth: 0.0	
Activity a	at Report Ti	me: ON SAL	ES								
Start	End	Hrs Ac	ctivity Desc	ription							
06:00	06:00	24.0 FL	OWED 1186	MCF, 80 BC	2 & 368 BW II	N 24 HRS ON 2	24/64" CH	OKE. TP 700 F	SIG, CP 13	50 PSIG.	
02-24-20)10 Re	eported By	RO	OGER DART							
DailyCost	ts: Drilling	\$0		C	ompletion	\$0		Daily '	Total	\$0	
Cum Cos	ts: Drilling	\$786.	,974	C	ompletion	\$645,313		Well T	otal	\$1,432,287	
MD	9,400	TVD	9,400	Progress	0	Days	29	MW	0.0	Visc	0.0
				2440		Perf : 7153'-	0156		PKR Dei	oth • 0.0	
Formation	n: MESAVE	RDE	PBTD : 9	344.0		ren: /135 ·	-9130		I KK Del	Jul. 0.0	
	on: MESAVE nt Report Ti			344.0		ren: /133 -	-9136		I KK Dej	ptii . 0.0	
		me: ON SAL				ren: /133 -	-9130		I KK Dej	Jul. 1 0.0	

Form 3160-4

UNITED STATES

FORM APPROVED

(August 2007))			TMENT U OF LA												004-0137 y 31, 2010
	WELL	COMPL	ETION C	OR REC	OMPL	ETION	N REPO	ORT	AND L	.og		İ		ease Serial I	No.	
la. Type o	_	Oil Well	_	_] Dry	Oth						Ì	6. If	Indian, All	ottee o	r Tribe Name
b. Type c	of Completion	ı ⊠ .N Othe	New Well er	☐ Work	Over	☐ Dee _l	pen 🔲	l Plug	Back	□ D:	iff. Resv	r.	7. U:	nit or CA A	.greem	ent Name and No.
2. Name o	f Operator RESOURCE	S, INC.	E	-Mail: MI			KENZIE (s.coi	 И		8. Le	ease Name	and W	
3. Address	1060 EAS						3a. Pho Ph: 45		o. (include 1-9145	e area o	ode)		9. A	PI Well No		43-047-40323
4. Location	n of Well (Re			nd in accor	dance wit	h Feder								rield and Po		Exploratory
At surfa	ace NWNE	E 549FNL	1960FEL 4	10.04177	N Lat, 10	9.3672	24 W Lon					ŀ	11. 5	Sec., T., R.,	M., or	Block and Survey
	prod interval	•						•	109.3672	24 W L	on	ŀ	12. (County or P		9S R23E Mer SLB 13. State
At total		/NE 549F	NL 1960FE	L 40.041 ate T.D. R	· · · · · · · · · · · · · · · · · · ·	109.36			Complete	ad.				IINTÁH	DE VI	UT D. D.T. CV.)*
10/29/				/21/2010	eached			D &			to Prod.		1/. E		DF, KI 02 GL	B, RT, GL)*
18. Total I	Depth:	MD TVD	9400	1	9. Plug B	ack T.E		ID VD	93	44	20	. Dep	h Bri	dge Plug Se		MD TVD
21. Type F CBL/C	Electric & Otl CL/VDL/GR	ner Mecha	nical Logs R	un (Submi	t copy of	each)				V	Vas well Vas DST Direction	run?		🛛 No	🗖 Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	ort all strings			т.			1							1
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)	Bot (M		Stage Cem Depth		No. o Type o	f Sks. of Cem		lurry` (BBI		Cement 7	Гор*	Amount Pulled
12.250		625 J-55	36.0			2425					760				0	
7.875	5 4.50	00 P-110	11.6			9389				1	1860				4230	
			•		+											
					-											
24 m 1:	Ţ															
24. Tubing	Record Depth Set (N	4D) T B	acker Depth	(MD) T	Size	Donth	Set (MD)	T 70	a alsau Dau	-41- /N 11	<u></u>	1:	Б.			P. L. D. d (4D)
2.375		7821	acker Depui	(IVID)	Size	Берш	Set (MD)	+	acker Dep	oun (IVI)	D) 8	Size	De	pth Set (M)	"	Packer Depth (MD)
25. Produc	ing Intervals					26. P	erforation	Reco	rd				·			-
	ormation		Тор		Bottom		Perfor	rated	Interval		S	ize	N	lo. Holes		Perf. Status
A)	MESAVE	RDE		7153	9156	3			8897 T				\bot	3		
B) C)						 			8631 T		_		+	3		
					,	1			8255 T				+	3		
	racture, Treat	ment, Cer	nent Squeeze	e, Etc.												
	Depth Interv								nount and	l Type	of Mater	ial				
			156 7,837 G 841 57,526 (
			558 51,543													
			364 32,922													
	tion - Interval	Α														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Wa BB		Oil Gr Corr. A			as Fravity	F	roducti	on Method		
02/13/2010	02/16/2010	24		120.0	1164	.0	1326.0							FLOW	/S FRO	OM WELL
Choke Size	Tbg. Press. Flwg. 1125	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Wa BB		Gas:O: Ratio	il	V	Vell Status					
24/64	SI	1800.0		120	1164	‡ <u> </u>	1326				PGW					
28a. Produc	tion - Interva		Toot	los.	Ic.	1,,,	1	02.5		12		1				
Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	BB:		Oil Gr. Corr. A			as Fravity	l F	roducti	on Method	Βı	ECEIVED
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Wa: BB		Gas:O	il	V	Vell Status	L				-VEIVED

MAR 2 5 2010

	ction - Interv		I.a.	Lan	La	I	Tana .			le a a seña	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gra	: vîty	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Wei	ll Status		
28c. Produ	ction - Interva	al D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gra		Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Wei	ll Status		
29. Dispos	sition of Gas(S	sold, used fo	or fuel, vent	ed, etc.)			•				
30. Summ Show a tests, i	ary of Porous	ones of por	osity and co	ontents there	eof: Cored in e tool open,	ntervals and flowing and	all drill-stem I shut-in pressu	ures	31. For	mation (Log) Markers	
	Formation		Тор	Bottom		Description	ons, Contents,	etc.		Name	Top Meas. Depth
MESAVEF	onal remarks	(include niv	7153	9156					BIF MA UT WA CH BU	REEN RIVER RDS NEST HOGANY ELAND BUTTE ASATCH IAPITA WELLS CK CANYON ICE RIVER	1559 1857 2475 4675 4675 4799 5403 6091 7102
33. Circle 1. Ele 5. Sur	enclosed attac ctrical/Mecha dry Notice fo	chments: nical Logs (r plugging a	(1 full set re	q'd.) verification	(2. Geologic 5. Core Ana	alysis	7	3. DST Rej 7 Other:		Í
34. I hereb	y certify that	the foregoin	-	ronic Subm	ission #831	50 Verified	rrect as determed by the BLM, INC., sent to	Well Inform	mation Sys	records (see attached instructi	ons):
Name	(please print)	MICKENZ	IE GATES				Title	OPERAT	IONS CLE	RK	· · · · · · · · · · · · · · · · · · ·
Signat	ure <u>MM</u>	ALME CLASH	EADALL		-		Date	03/23/201	10		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

Chapita Wells Unit 1146-18 - ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

8085-8193	3/spf
7860-8044	3/spf
7531-7786	3/spf
7153-7452	3/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

8085-8193	53,037 GALS GELLED WATER & 168,300# 20/40 SAND
7860-8044	54,913 GALS GELLED WATER & 167,300# 20/40 SAND
7531-7786	52,229 GALS GELLED WATER & 166,400# 20/40 SAND
7153-7452	46,827 GALS GELLED WATER & 146,400# 20/40 SAND

Perforated the Lower Price River from 8897'-98', 8900'-01', 8913'-14', 8923'-24', 8956'-57', 8969'-70', 9045'-47', 9052'-54', 9154'-56' w/ 3 spf.

Perforated the Middle/Lower Price River from 8631'-32', 8640'-41', 8656'-57', 8682'-83', 8715'-16', 8732'-33', 8738'-39', 8753'-54', 8786'-87', 8796'-97', 8836'-37', 8840'-41' w/ 3 spf.

Perforated the Middle Price River from 8401'-02', 8413'-14', 8424'-25', 8429'-30', 8449'-50', 8477'-78', 8486'-88', 8499'-8500', 8524'-25', 8545'-46', 8557'-58' w/ 3 spf.

Perforated the Middle Price River from 8255'-57', 8264'-66', 8310'-12', 8314'-16', 8344'-46', 8362'-64' w/ 3 spf.

Perforated the Middle Price River from 8085'-86', 8089'-90', 8106'-07', 8115'-16', 8124'-25', 8130'-31', 8136'-37', 8151'-52', 8162'-63', 8175'-76', 8183'-84', 8192'-93' w/ 3 spf.

Perforated the Middle/Upper Price River from 7860'-61', 7865'-66', 7874'-75', 7906'-07', 7624'-25', 7948'-49', 7968'-69', 7976'-77', 7981'-82', 8017'-18', 8031'-32', 8043'-44' w/ 3 spf.

Perforated the Upper Price River from 7531'-32', 7545'-46', 7556'-57', 7573'-74', 7588'-89', 7605'-06', 7683'-84', 7696'-97', 7714'-15', 7724'-25', 7772'-73', 7785'-86' w/ 3 spf.

Perforated the Upper Price River from 7153'-54', 7165'-66', 7181'-82', 7213'-14', 7225'-26', 7234'-35', 7248'-49', 7268'-69', 7309'-10', 7363'-64', 7386'-87', 7451'-52' w/ 3 spf.

32. FORMATION (LOG) MARKERS

Middle Price River	7947
Lower Price River	8734
Sego	9266